enjoylearnsucceed Holf-Term

Beckfoot School

And Expert Learners

Knowledgeable

Name:

Tutor	Group:
-------	--------

Contents

•	Homework Instructions	
•	Read Like a Beckfooter	1
•	Reflect Like a Beckfooter	4
•	Revise Like a Beckfooter	4
•	Oracy – Speak Like a Beckfooter	5
•	Independent Learning Instructions	9
•	Maths knowledge organisers and independent learning	11
•	English knowledge organisers and independent learning	15
•	Science knowledge organisers and independent learning	19
•	French/German knowledge organisers and independent learning	29
•	Geography knowledge organisers and independent learning	35
•	History knowledge organisers and independent learning	41
•	RE knowledge organisers and independent learning	47
•	DT knowledge organisers and independent learning	51
•	Performing Arts knowledge organisers and independent learning	59
•	Art knowledge organisers and independent learning	63
•	Music knowledge organisers and independent learning	67
•	Computing knowledge organisers and independent learning	71
•	Communication Pages	77

What should you be working on each week?

Homework:

- Your teacher will set you specific tasks, with a deadline, on Class Charts
- Instructions for your homework, and how to access it, are in this booklet
- You must complete and hand in the work by the deadline

Independent Learning:

- You should spend at least 20 minutes doing independent learning, using 'Quiz It, Link It, Map It, Shrink It' each day
- Your teacher will remind you of the topics and the tasks to do

Homework Instructions

- All of your Homework will be set by your teachers using the Class Charts system.
- You should check Class Charts every day to make sure you are up to date, and that you meet all your deadlines.
- In the next few pages, you will find instructions for how to access Class Charts and how to complete your homework assignments in each of your subjects.

L	ogging	in i	to C	lass	Chart	ts			I	Homework			
Fo	llow the steps belo	ow to aci	cess your	student acc	ount.					If your school has decided to si homework with pupils, you will Homework tab in your account	see the		erry =
										Selecting this tab will display a the homework tasks which you been given.	list of have		Custom - showing 38 days Der dele: 01112020 - 19120202
1	Enter your email a	addross		Access o Your ac	ode" ccess code					To change the date range for displayed homework tasks, click orange Date button.	k on the		Show by issue date Show by due date I task due this week
an	d password into th ovided.	he fields		Please enter the access code supplied by your teacher.						To display tasks in the order th set, click on the Issue Date butt		tasks submitted/completed task remaining this week	
										To display tasks in the order th expected to be handed in, click Due date button.	ey are on the		A (110) 3
2. Click on the Log in button.								IN		To mark a homework task as completed, view the homework your choice in more detail and Completed? checkbox.	task of tick the		Research 050
				Γ	Date of b	irth				To view a homework task in more detail, click on the expand icon in the bottom right hand corner of the homework tile.			Research GDP Recomment - BRIGG - MRABLACKER
Enter your date of birth if prompted and click on the OK button. Date of birs 12/06/2009					ate of birth	below.		A popup will appear that contains the a description of the homework task, the estimated completion time	Z		Type: Blended Learning Issue date: Monday 09/11/2020 Due date: Wednesday 11/11/2020 Estimated completion time: 1 hours Please write a short paragraph on what GD		
							ок (CANCEL		and any links or attachments that may have been included.			and how it is used.
< <u>-</u>	ening	tra	ck c	ofho	mew	ork			ì	Homeworks	tatus	categ	ories
As you r prog The t home numl due t tasks	eeping ou are assigned h may want track o ressing for the cu hree banners abe work status cate ber of homework his week, how m you have compo	omewor f how yo urrent we ove the gories o t tasks th any of ti leted and	rk tasks, ou are eek. count the nat are hose d how	2	•	1 task du O tasks s	e this weel ubmitted/ci maining thi	ompleted		Homework s To-Do: These are homework tasks that you need to complete. Once you have completed them, tick the checkbox.		catego	To do
As you r prog The t homo numl due t tasks many To or requi the c	bu are assigned h may want track o ressing for the cu hree banners aba ework status cate ber of homework his week, how m	to mewor of how yourrent we ove the egories of tasks the any of the leted and eed to o k tasks t	rk tasks, ou are eek. count the hat are hose d how omplete hat csion, ticl	2		1 task du 0 tasks s 1 task rei	e this weel	ompleted s week		To-Do: These are homework tasks that you need to complete. Once you have completed them, tick the		catego	
As you you r prog The t hominumi due t tasks many To or requi the c subm	bu are assigned h may want track or ressing for the cu- hree banners abe ework status cate eor of homework this week, how m you have compli- t tasks you still n hy see homeword re an attachmeni heckbox labelled	toomewoo of how you urrent wo ove the egories of tasks the any of the leted and eed to o k tasks t t submiss I Require	rk tasks, ou are eek. count the hat are hose d how omplete hat ision, ticks	e k via a deskto	p or laptop,	1 task du 0 tasks s 1 task rei] Requir	e this weel ubmitted/or maining thi res submis	ompleted is week sion?		To-Do: These are homework tasks that you need to complete. Once you have completed them, tick the checkbox.			To do
As you you r prog The t hominumi due t tasks many To or requi the c subm	u are assigned h may want track o ressing for the cu- hree banners abo work status cate ber of homework his week, how me you have compi- r tasks you still ni- hly see homework re an attachment heckbox labelled hission.	toomewoo of how you urrent wo ove the egories of tasks the any of the leted and eed to o k tasks t t submiss I Require	rk tasks, ju are eek. oount the hat are hose d how omplete hat ision, ticl is	e k via a deskto	p or laptop,	1 task du 0 tasks s 1 task ref] Requir expandi for the s	e this weel ubmitted/or maining thi res submis	ompleted is week sion?		To-Do: These are homework tacks that you need to complete. Once you have completed them, tick the checkbox. Completed: These are homewer tasks that you have ticked as completed but have not been marked by your teacher.			To do Completed
As your your prog The t hom numl due t tasks many To on requi the c subm	vu are assigned h may want rack or ressing for the cu- hree banners ab work status cate er of homework fatus cate of the second status of the work, how a low exact in task you still in task you still in task you still in task you still in heckbox labeled ission.	toomewoo of how you urrent wo ove the egories of tasks the any of the leted and eed to o k tasks t t submiss I Require	rk tasks, ou are eek. count the hat are hose d how omplete hat ision, ticks	e k via a deskto	p or laptop,	1 task du 0 tasks s 1 task rei] Requir	e this weel ubmitted/or maining thi res submis	sweek sion? work status te range.		To-Do: These are homework tacks that you need to complete. Once you have completed them, tick the checkbox. Completed: These are homewer tasks that you have ticked as completed but have not been marked by your teacher.		S	To do Completed
As your your prog The t hom numl due t tasks many To on requi the c subm	to use assigned h may want tack or reversing for the cu- hree banners ab work status cases for of homework for the cu- end of the cu- tack you still or hy see homework the you have complex you have complex tasks you still or hy see homework tasks you still or hy s	tomewood f how your and the second se	rk tasks, bu are bek. count the tat are hose or bat hat hat hat hat cork tab verview	k k Interesting Monday 09/11/2020	p or laptop, hework task	task du task du task du task s s task s s task ref task ref	e this week ubmitted/or maining thi res submis- ng a home elected da	sweek sion? work status te range.		To-Do: These are homework tacks that you need to complete Once you have completed them, tick the checkbox. Completed: These are homework tasks that you have ticked as completed but have not been marked by your teacher. Late: These are homework tasks that have been handed in past the deadline. Not submitted: These are homework tasks that were not		S	To do Completed ubmitted late
As you you in prog The thomic due to tasks many To our require the construction of the	the are assigned himpy wait tack or reresting for the cu- hree banners ab work status case the second sec	iomewoo f how yo rurent w ove the gories c tasks th tany of ti tasks thany of ti tasks than tasks th	rk tasks, su are eeek. oount thu tat are omplete hat sion, ticl ts cork tab- verview	k via a deskto of each hom Isseet ¹ : Monday	p or laptop, nework task	1 task du 1 task s s 1 task rer 1 task rer 1 task rer 2 expandi for the s 2 catinated time ¹ / ₁	et this week ubmitted/co maining thi ng a home elected da Bende Learning Homework	sweek sion? work status te range.		To-Do: These are homework tacks that you need to complete Once you have completed them, tick the checkbox. Completed: These are homework tasks that you have ticked as completed but have not been marked by your teacher. Late: These are homework tasks that have been handed in past the deadline. Not submitted: These are homework tasks that were not	ork	S	To do Completed ubmitted late

Homework Instructions: Maths

MATHS

Maths homework at KS3 is set weekly in the form of a key skills retrieval practice work sheet included in the Maths homework booklet. In addition to this students have access to MyMaths, where you can access revision material for all topics taught in class. Class teachers may choose to set additional homework via MyM aths

MyMaths HOW TO GUIDE

- Follow the link: <u>https://bgin.mymath</u> Use the following school login details
- Login: beckfoot Password: ratio
- Here you can access all the revision material for KS3



3. Use your personal login details given to you by your teacher to access any tasks set



Homework Instructions: Science

•

.

Science Home Learning Instructions

Please follow the instructions below to access your science home learning

- Remember you are expected to complete at least one quiz per week.
- ω.N. --Log into Microsoft Tearns using your school log in Go to assignments and click on the Carousel Learning quiz set by your teacher A window like the one below will pop up (if it doesn't, copy and paste the link into your
- internet browser)

Type your first name and last name as it is written on the register to log into the quiz Click on 'revise' and use 'look, cover, write and check' to go through the flash cards like the one below. Use your knowledge organiser to help you. Organisation so far.... item transports su around the body?

<u>م</u> ب

6. When you are ready, click 'exit' and then complete the quiz. Answer all questions and click 'submit' when you are finished

٠

Homework Instructions: English

- scheme. booklet will be provided for each Every half term, a home learning
- each task in them. They will have the instructions for
- Please follow them and deadline your teacher gives. complete the tasks for the



Homework Instructions: MFL

https://www.pearsonactivelearn.com/app/Home Follow the link:



 Login using the username and password your were given in class.
 Your assignment will be on the login page – click on Tasks.
 Select the task which has been set and complete before the due date

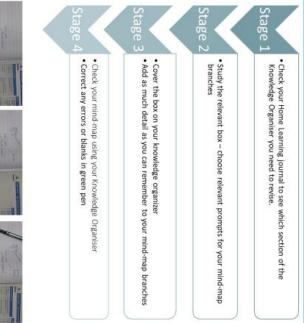
New Task (1870876)	Active Learn
	Library
Studio AQA GC	Courses 🖌 Tasks 💈 Admin
Studio AQA GCSE (9-1) French	Tasks 혿
	Admin
To start (0/7exercises)	
30/03/2022	
Start	

- Homework in Languages is set on Activelearn each week
- week complete the assignment set for you every You should log in to Activelearn and

Homework Instructions: Humanities

Humanities Home Learning HT2 - Mind-Maps

Each week you will be asked to revise a particular section of your Knowledge Organiser, which can be found in this booklet. See below for the instructions of how to complete this half-term's retrieval focus.



Stage 2 Stage 3 Stage 4

Homework Instructions: Performing Arts

All home learning is set on Class Charts at start of every topic. The teacher will set a completion date on Class Charts.

REVIEW AND EMBED:

.

- For each topic, you will be set home learning to revise your knowledge organiser using techniques such as 'quiz it, link it, map it, shrink it'. This will help you to review and embed your understanding of the skills and techniques you will use in your practical work.
- You will also be given a set of questions and answers to revise in preparation for a quiz at the end of each topic.

RESEARCH AND EXPLORE:

- For each topic, you will be set a research task or line learning activity on Class Charts. You will have 2 weeks to complete this.
- This task will help you gather ideas for your practical work and develop your understanding and knowledge of the plays, themes and styles we are exploring in lesson.

READ AND ENJOY:

 For each topic, you will also be set an optional task to read or watch clips from the performances we are exploring in lesson. We will provide links with places you can access books, scripts and video clips on Class Charts.

Homework Instructions: D&T

- Complete the ELP given to you at the start of the rotation. You are only expected to complete the extended.
- □ If the ELP is practical based all resources will be given to you.
- Under teacher instruction preparation needs to be done for sections of the Knowledge Organiser.



Homework Instructions: Art

- One home learning project will be set every half term on class charts.
- Students will be provided with a list of options to choose from.
- Each task listed will link to topics covered in lessons and will utilise key techniques, this will give students a chance to retrieve core elements and explore more creative outcomes.
- Students will be expected to spend 2-3 hours on the tasks and will be given two weeks to complete, they must seek help during their second lesson prior to the hand in date if needed to allow time to complete.
- Completed work must be photographed and uploaded onto class charts



Homework Instructions: Music

- Every half term you will be set one home learning task, this will be set in class, and also put on class charts.
- The work will normally be set in week two of the half term, and handed in during week four.
- You will have two weeks to complete the work.
- If you need help, you will have a lesson to ask you teacher.
- There will be some extension tasks, these are optional.
- Once complete, you will submit the work on class charts.



Homework Instructions: Computing

Half term two

 Every fortnight you will be asked to complete a worksheet from your Computing homework booklet. Your teacher will let you know which page to complete.

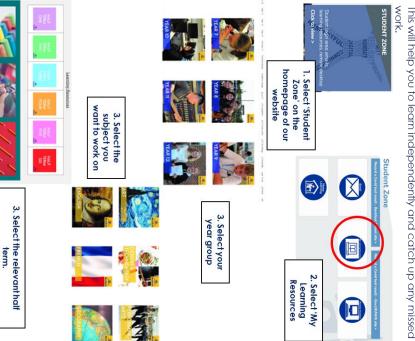
Here is an example worksheet from the Computing booklet:

	_	_	_		_	_		_		_	_		_		2			÷	Ξ
															Work o		Bit	Define	ome
		7	4	219		_		cn		4		67		Der	Work out the denary/binary conversions for the numbers below. (14		Nibble	1. Define the following terms:	Homework 1
		78	45	19		17	129	56		47		7	154	Denary	ry/binary co		Byte	g terms:	_
															nversions	1000 Bytes	Kilobyte (KB)		
10	00				10				=		00				for the num		Megabyte (MB)		2
10101111	00111110				10101110				1101010		00110100			Binary	bers below (14		Gigabyte (GB)	(6	Marks:
															low: (14 marks)		Terabyte (TB)	(6 marks)	

Spend at least 20 minutes carrying out independent learning for Computing each week. Your teacher will let you know which topics you should be working on.

How to access My Learning Resources

My Learning Resources is an online space where you can find all your lesson PowerPoints, knowledge organisers, quizzes and more. This will help you to learn independently and catch up any missed work.



All the resources you need will be here

Read Like a Beckfooter

Vocabulary

Do you understand the the text? Highlight any you're unsure on then ask yourself these questions: words ç **ç**

1.Can you work out the word from its context? What does it seem like it means?

Does it look like any other words you know? Could it mean something similar?

3. If you can't figure it out for yourself, look the word up in a dictionary or online

Comprehension

about: This means understanding a text. There are two things to think

1. Do you understand what means literally? ÷

2. Can you see what's implied?

1. Slow down your reading many people miss key parts texts because they go too fast To achieve these things:

5' 1

2. Look carefully at punctuation, which is designed to help you take pauses in the right places

Ask a trusted adult to read the text to/with you

In English there will be there will be very little Science and Maths texts. Remember: not implied meaning. every text Ξ. lots, many but has

Summarising

A good summary expresses what really matters about a text as briefly as possible. If you can summarise a text, you must have understood it.

Follow these steps:

2.Summarise the text in twenty 1.Summarise the text in five words

3.Summarise the text in fifty words

words

By following the process, you've decided what matters and what doesn't. Each time you will have more information, but you have included everything. Š added v won't

Reflect Like 0 Beckfooter

As Knowledgeable and Expert Learners, we are great at being reflective. We ask ourselves lots of questions before, during and after a task, not just at the end! This helps us to make good choices about what we need to do, and the best way to do it. It also helps us to stay motivated, even when things get tough. Finally, it helps to make sure we always complete learning tasks to the very best of our ability.

Before a task, yourself: ask

Do I know any strategies that would be appropriate for this Have I seen anything like this What do I understand about it? How is this similar or different to other tasks I have done? What am I being asked to do? Which strategy would be most helpful to me now? Have I used this strategy What do I already know What is this task about? How can lensure l am successful this time? Was it successful? Comprehension about this? Connection Strategy before? before? task?

During a task, **yourself**: OS </

What can I do to improve my motivation level right now? Am I motivated to complete this task to a high standard? Reflection (during the task) What am I finding difficult right now? How can I avoid making make in this kind of task? What mistakes do l often How do I feel about the work? What am I doing well? How is this going? How do I know? those mistakes?

After a task, /ourself: **OSK**

Is this work better than I have Does my finished work look **Reflection (after the task)** Could I have done this a Does it make sense? done in the past? How do I know? How do I know? different way? successful? Whyż

How can I motivate myself in a different way in the future? Explain

What emotions did I experience during the task?

How did my motivation level affect my performance in the task?

Revise Like a Beckfooter



Next time

Revisit the areas

where there were

gaps in knowledge,

and include these

time.

same questions next

cover.

Self mark &

Go back to the

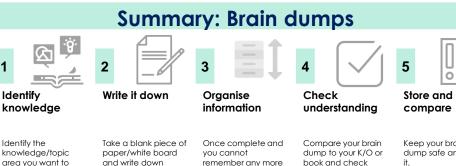
content and self

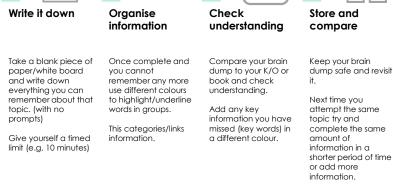
green pen.

mark your answers in

reflect

Avoid using too much information: mind maps are designed to summarise key information and connect areas of a topic/subject. If you overcrowd the page, you lose the point of the mind map and will find it harder to visualise the information when trying to recall it





0

your teacher has not sentences. provided you with questions) Ensure that you complete all subjects and all topics – not just the subjects you enjoy the most of find easiest.

Practice makes perfect!

answer out loud or write it down before checking it against the card, so you are truly testing if you can explain the answer properly

Summary: Self Quizzing

Cover and

Cover up your

from memory.

where possible

answer in full

knowledge and

answer the questions

Take your time and

answer

Identify

Identify

knowledge

knowledge/content

you wish to cover.

Review and

Spend around 5-10

minutes reviewing

organisers/class

notes/text book)

on the content (If

content (knowledge

Create x10 questions

create

Brain dumps are a way of getting information out of your brain.

Summary: How to create a mind map

<u>Revision T</u>	<u>imetable</u>							Date
	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	<u>To do</u>
8:30-9:30	LESSON	LESSON	LESSON	LESSON	LESSON] .
9:30-10:30	LESSON	LESSON	LESSON	LESSON	LESSON			
10:30-10:55	Tutor Time	Tutor Time	Tutor Time	Tutor Time	Tutor Time			
10:55-11:20	BREAK	BREAK	BREAK	BREAK	BREAK].
11:20-12:20	LESSON	LESSON	LESSON	LESSON	LESSON] .
12:20-1:20	LUNCH	LUNCH	LUNCH	LUNCH	LUNCH] •
1:20-1:50	LESSON	LESSON	LESSON	LESSON	LESSON			
1:50 – 2:45	LESSON	LESSON	LESSON	LESSON	LESSON] .
2:45-3:45								•
3:45-4:15								Subjects covered this half term
4:15-4:45								
4:45-5:15								
5:15-5:45								
5:45-6:15								
6:15-6:45								
6:45-7:15								
7:15-8:45								

Confident Communicators Oracy Passport for success Y9

H Skills and Topics

- Т
- 2 Healthy Relationships (Body image and social media) Reasoning Listening



This Half Term to be a Confident Communicator in the Social and Emotional Strand I need to:

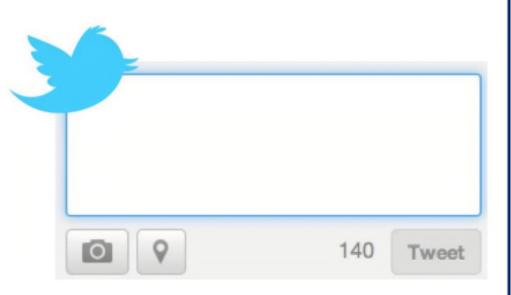
The Social and Emotional Strand: I can

- Instigate and help maintain a group discussion
- Demonstrate confidence when talking aloud in class by projecting my voice
- Adapt the way I am talking to suit my audience and be aware of the impact my words may have.

Confident Communicator Challenge: I can use current affairs and information I have seen in the media to instigate a discussion

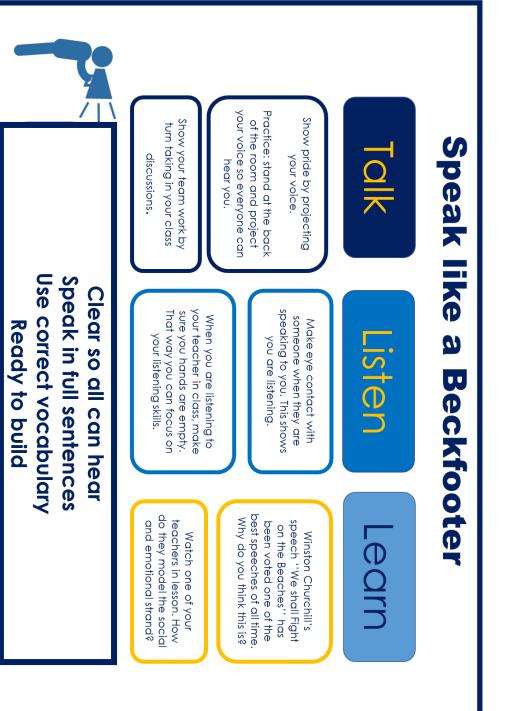
Confident Communicators My reflection task is to: Create a positive media message

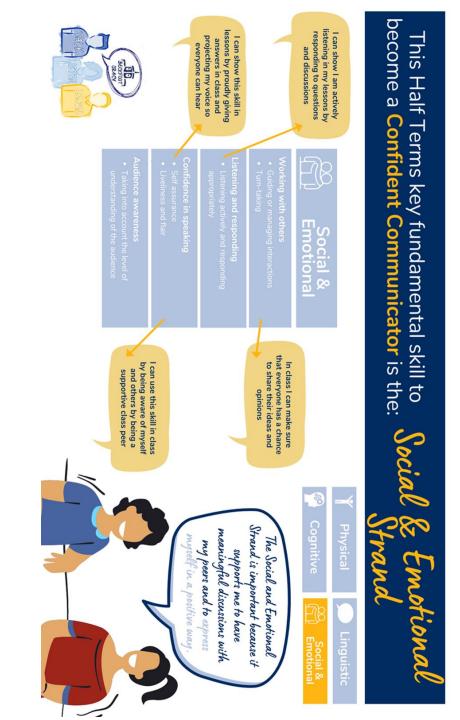
People use social media to share their messages. Your task is to create a Tweet that supports a positive message you want to share. You only have 140 characters so be concise and summarise



This Half Term I have spoken like a Beckfooter!!!







Independent Learning: How to -I Quiz It



- LOOK:
- Read through 3-5 items from you Knowledge Re-read if you need to Organiser (bullet points, equations, facts etc



WRITE:

- 3-5 items exactly. In your blank Knowledge Organiser, write out the
- Use a blue or black pen

Auger Barres

COVER:

can only see the blank version (no cheating!) Turn your Knowledge Organiser over so that you



CHECK:

- Uncover your Knowledge Organiser
- Using green pen, check your writing/drawing word by word
- this is the most important part of the process Tick every correct item and correct any mistakes

Independent Learning: How to Ν - Link It

- Choose 3-6 items from your knowledge organiser
- Write 3 sentences to show how these things link together

You could:

Compare and contrast:

- x is similar to/different from because...
- x is more/less ... than y because..

Cause and effect: x and y work together to x happens because of y

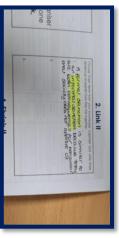
produce z...

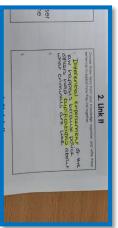
a particular

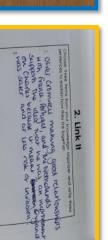
• Support/refute: because x supports the ideas of y

because. x refutes the ideas of y





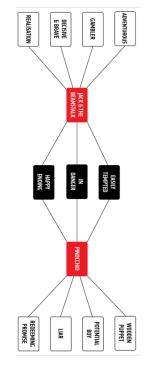




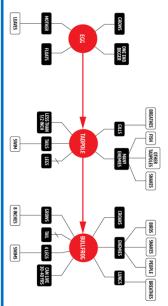
Independent Learning: How to - 3 Map It



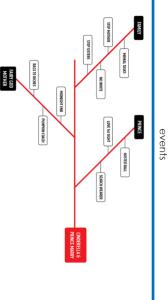
Mind-maps are useful if you want to chunk information or organise it into categories. In this example, the central idea is the 'The Three Pigs' and each branch is a theme within the story







Flow-sprays are useful if you want to show the events that happen in a particular sequence. In this example, the red boxes show the main event in the lifecycle of bullfrogs, and the order they happen in. The black and white boxes show what factors contribute to these main



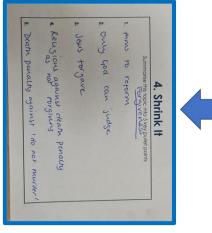
Fishbone diagrams are useful if you want to show causes and effect. In this example, the white boxes are causes of the Prince and Cinderella getting married; the black boxes show how the causes have been categorised; and the red box shows the effect itself

Independent Learning: How to 4 – Shrink It





to the community the wranged through

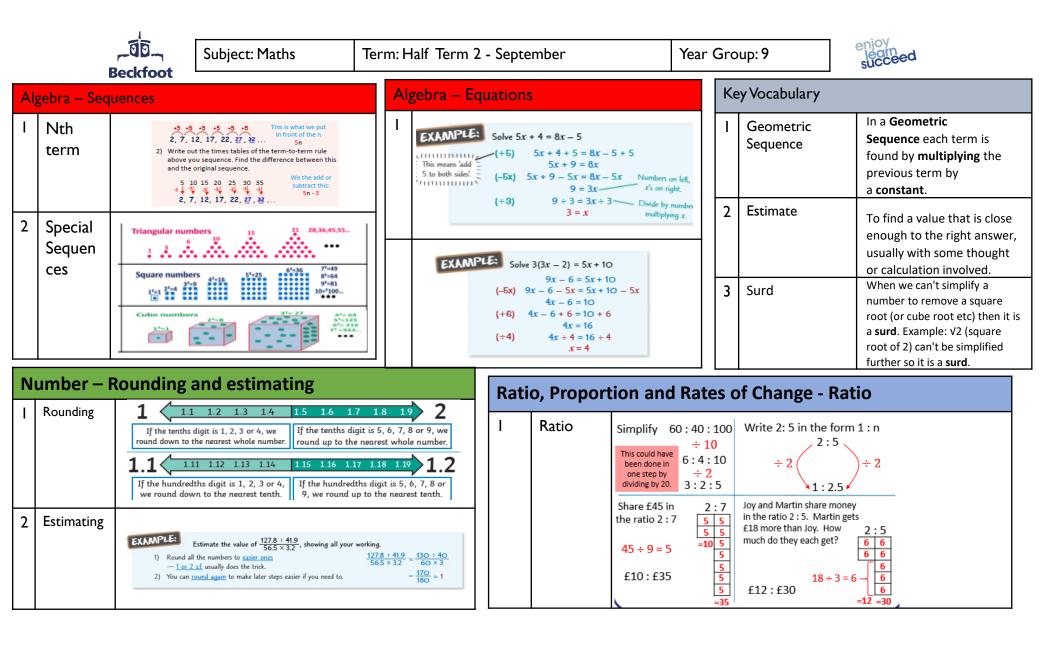


4. Bullet Point your 5 most important points using as few words as possible

3. Rank your chosen points in order of

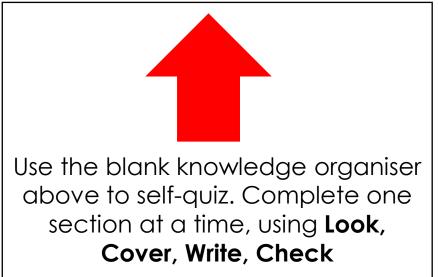
importance





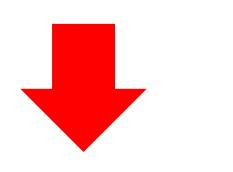
		ຼຼີຟີ່ນີ້ Beckfoot	Subject: Maths	Term: Half Term 2	2 - September Year					up: 9	enjoy learn succeed
A	gebra – Sec			Algebra – Ec	uation	S		Ke			
I	Nth term									Geometric Sequence	
2	Special Sequen ces								2	Estimate	
									3	Surd	
Ν	umber –	Rounding	and estimating		Ratio, Proportion and Ra					of Change - Rat	tio
I	Rounding				I	Ratio					
2	Estimating										

1. Quiz It

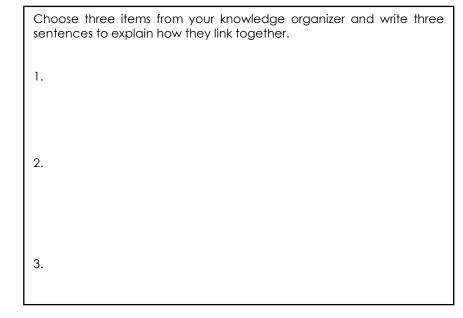


3. Map It

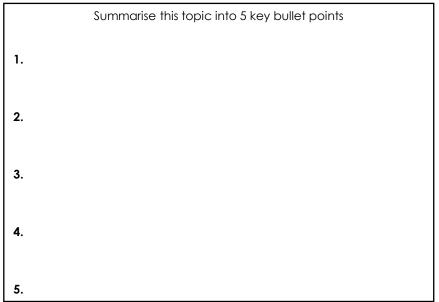
Use the space on the next page to create a mind-map or diagram to illustrate the knowledge from this topic.



2. Link It



4. Shrink It



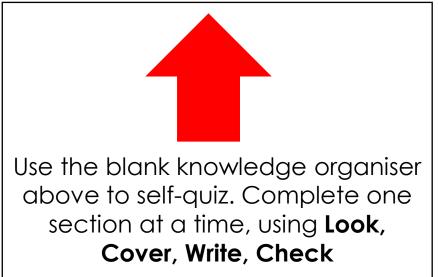


Use this space to create a mind-map or diagram to illustrate the knowledge from this topic.

I	도한 English Beckfoot					Extended	Metaphor	Year Group: 9			
		Text	s and Authors			Punctu	ation & Grammar Checklist		Ke	y Vocabulai	•
ı	Vernon Scannell	'Nettles'	The speaker chops down the bee old son falls into and injures hims also be read as an extended meta	self on. The poem can	1	Full stop .	Marks the end of a sentence. Always followed by a capital letter.	ı	Metaphor	Describing somethi something else that e.g. 'You are my su	it can't literally be,
2	Maya Angelou	'Caged Bird'	A poem about the opposing expe one free, one caged. Due to its s bird sings, to cope with its captiv	uffering, the caged	2	Exclamation Mark !	Indicates a strong emotion. Always followed by a capital letter.	2	Extended Metaphor	A metaphor that is detail, e.g. in one pa whole speech.	developed in great aragraph/stanza, a
		Dird	longing for freedom.		3	Question Mark ?	Indicates a question. Always followed by a capital letter.			An intricate or far-	
3	Aesop	The Tortoise and the Hare	A slow tortoise beats a fast hare their time and passing the hare as of the story focuses on taking yo rushing something.	s it sleeps. The moral	4	Semi-colon ;	Joins two related sentences together. Replaces a coordinating conjunction. No capital letter needed afterwards.	3	Conceit	A comparison is ma things which at first one another, e.g. 'N motorcycle.'	t seem very unlike
4	Anonymous Headteacher	Start of New Year Address	A speech delivered by a headtead the first day of term in Septembe speech is to inspire and motivate begin the year with purpose.	er. The aim of the	5	Colon :	Introduces an idea. No capital letter needed afterwards. Replaces 'which is' or 'such as'. Can be replaced with a full stop.	4	Allegory	The representation concrete) ideas by events in a novel or example. See Animo	characters or r poem, for
5	George Orwell	Animal Farm	An allegorical novel that uses an of animals and a farm to reflect tl Russian revolution and the creati Union.	he events of the 1917	6	Direct Speech ""	Indicates a character is speaking. Capital letter always needed; always includes some punctuation inside the closing speech mark; start a new line for a new speaker.	5	Tenor	The thing being des person	scribed, e.g. a
		Fea	tures of Form		7	Brackets ()	Adds additional detail or comment. Can be removed without affecting the sentence.	6	Vehicle	The figurative langu describe the tenor, are my sunshine (ve	e.g. 'You (tenor)
I	Poem	Poems are often set out in stanzas, possibly have a rhyme scheme and can vary in length.				Dash –	Used before an additional comment. No capital letter needed afterwards.		Figuretive		is not literal, e.g. 'l
2	Fable	A short story, typically with animals as characters, conveying a moral.					Indicates letters have been omitted (don't, I'm,	7	Figurative language	have a ton of home similes etc. are figu	
3	Novel	A longer piece of writing, usually organised into chapters and set out in paragraphs. Can have a first, second or third person narrator.				Apostrophe '	etc.) or to show possession (Liam's pen).				tten and not using a
4	Speech	A speech is a formal talk given to an audience. The language of a speech should target and interest an audience.				Sentence Fragment	A short, incomplete sentence used for emphasis or dramatic effect. Like this.	8	Literal language	metaphor/simile, e. lot recently.'	g. 'It has rained a

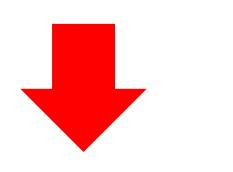
	ୁର୍ଘିପି Beckfoot		English			Extended I	Metaphor		Year Group:	9 enjoy leath succeed
		Text	s and Authors			Punctu	ation & Grammar Checklist		KeyVo	ocabulary
ı	Vernon Scannell	'Nettles'			I	Full stop .		'	Metaphor	
2	Maya Angelou	'Caged Bird'				Exclamation Mark !		2	Extended Metaphor	
						Question Mark ?				
3		The Tortoise and the Hare			4	Semi-colon ;		3	Conceit	
4	Anonymous Headteacher	Start of New Year Address			5	Colon :		4	Allegory	
5	George Orwell	Animal Farm			6	Direct Speech ""		5	Tenor	
		Feat	tures of Form		7	Brackets ()		6	Vehicle	
·	Poem				8	Dash -			Figurative	
2	Fable					Apostrophe '		7	language	
3	Novel Speech					Sentence Fragment		8	Literal language	

1. Quiz It

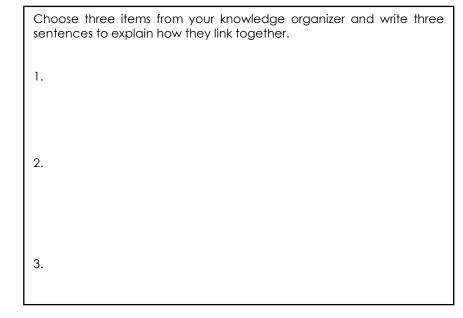


3. Map It

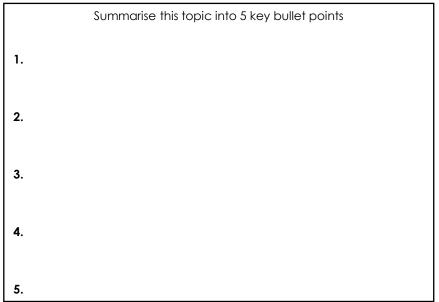
Use the space on the next page to create a mind-map or diagram to illustrate the knowledge from this topic.



2. Link It



4. Shrink It





Use this space to create a mind-map or diagram to illustrate the knowledge from this topic.

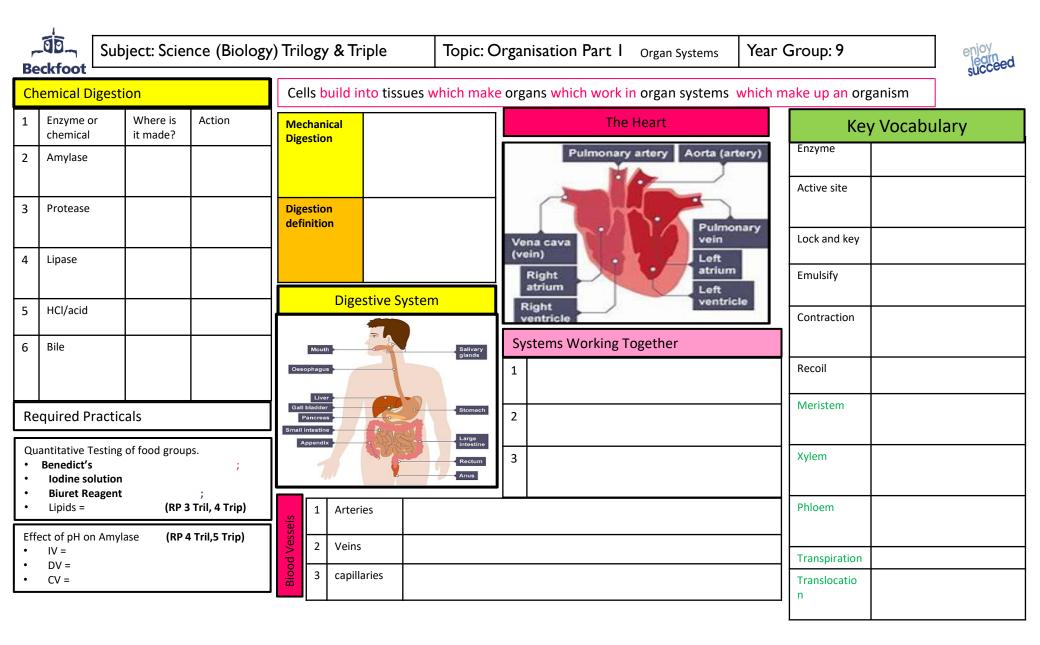
		Subject	: Scien	ce (Physics)		Topic: Atomic Structure (Physics)	Year Group: 9		enjoy lean succe	ed	
Str	ucture of	the Atom	Mod	dels of the A	tom th	rough time		Key Vocabulary			
I	Radius of an atom	Approx. 1x10 ⁻¹⁰ m	I	Early ideas	Atom	s were thought to be tiny spheres that could no	ot be divided	I	Mass Number	The atom's total number of Protons added to the number of	
2	Protons	Positively charged and found in the	2	Plum Pudding		lum pudding model suggested the atom was a b e with negative electrons embedded in it	all of positive	2	2 Atomic Number	Neutrons The number of protons	
3	Frotons	nucleus No charge and	3	Nuclear Model	atom	lpha particle scattering experiment showed that was concentrated in a nucleus at the centre and				in an atom. Will also be equal to the number of electrons	
	Neutrons	found in the nucleus	4	Niels Bohr		us was positively charged sted electrons orbit the nucleus at specific dista	nces	3	lsotopes	An atom with the same number of protons but	
4		Negatively charged and found in	5	James Chadwick		t 20 years after the nucleus was accepted, Chad nce for neutrons in the nucleus	wick discovered	4		a different number of neutrons	
	Electrons	energy levels at different distances from the nucleus	Nuc	clear Radiatio	ear Radiation				Half-life	The time taken for the activity of a radioactive sample (or the number of radioactive nuclei) to	
5	Nucleus	At the centre of the atom. Contains neutrons and protons	Ι	Structur e	Alpha - Beta - amma -	 2 Protons + 2 Neutrons / stopped by paper of High energy electron / stopped by thin metal air Electromagnetic wave / stopped by thick lead 	or a metre in	5	Contamination	halve The unwanted presence of radioactive atoms on other materials	
6	Representin g atoms	(Mass number) ²³ (Atomic number) ¹¹ Na	2	equation A	Alpha – Beta – .mma –	- Mass number -4 and Atomic number -2 - Mass number no change and Atomic number - No change	+1	6	Irradiation	The process of exposing an object to nuclear radiation (the	
7		Atoms have equal	3	power	Alpha – Beta –	 Strongly ionising due to 2+ charge Moderately ionising due to 1- charge 				object does not become radioactive)	
	Charge of an atom	numbers of protons and electrons so are neutral	4	Decay example s	mma – Alpha – Beta –	$ \frac{^{219}_{86}}{^{16}_{6}} \operatorname{radon} \longrightarrow {^{215}_{84}} \operatorname{polonium} + {^{4}_{2}} \operatorname{He} $		7	Random	Something that cannot be predicted – you do not know when a radioactive nucleus will decay	

	ຼີຢີ່ Beckfoot	Subject:	Scien	ce (Physics)	Topic: Atomic Structure (Physics)	Year Group: 9		enjoy Jean succeed	
Str	ructure of the Ato	om	Mod	dels of the Atom t	through time	Key Vocabulary			
I	Radius of an atom		Ι	Early ideas			I	Mass Number	
2	Protons		2	Plum Pudding			2	Atomic	
			3	Nuclear Model				Number	
3	Neutrons		4	Niels Bohr			3	lsotopes	
4			5	James Chadwick					
	Electrons		Nuc	clear Radiation			4	Half-life	
5	Nucleus		I	Structur e Gamma -	-		5	Contamination	
6	Representin g atoms		2	equation Alpha - Beta - Gamma -	-		6	Irradiation	
7	Charge of an atom		3	g Alpha – power Beta – Gamma – Decay Alpha –	-		7	Random	
			4	example s Beta –					

	ୁଇ Beckfoot	Subject: Science (Physics)	Topic: A	tom	ic Structure (Physics)	PHYSICS ONLY	enjoy learn succeed
	ckground radiatio h ysics only)	n and radiation dose:		Nu	clear Fission: (Physics o	nly)	
I	Natural sources	a) Rocks b) Cosmic rays		I	This is the splitting of a larg	e, unstable nucleus into tw	o smaller nuclei
2	Man made sources	a) Nuclear weapons testingb) Nuclear accidents		2	Usually this happens when t	the unstable nucleus absorb	os a neutron
3	Background radiation and dose may be affected by	 a) Occupation (e.g. pilot, radiographeretc) b) Location (e.g. Cornwall) 	r,	3	Either two or three neutro energy. The neutrons can g other unstable nuclei.	•	on, as well as Gamma rays and on if they are absorbed by
4	Units	Radiation dose is measured in sieverts (or millisieverts (mSv)	(Sv)				lighter element
5	Half-life	Different isotopes have a range of half-li and this can affect the hazards involved	ives			neu	utron
6	Nuclear radiation is used in medicine for	 a) Providing images of internal organs b) Controlling or destroying unwanter tissues 			neutron	Uranium 235 neu	+ energy
Nuc	clear Fusion: (Physics	s only)					lighter element
I	This is the joining of two	b light nuclei to form a heavier nucleus					
2		ne of the mass may be converted into ener stars (including the Sun) to release heat an		4	A nuclear explosion is a cha	in reaction that has not be	en controlled

	0D	Subject: Science (Physics)	Tapia Atom	is Structure (Physics)	PHYSICS ONLY	enjoy
	Beckfoot	Subject: Science (Physics)	Iopic:Atom	ic Structure (Physics)		succeed
	ground radiatic sics only)	on and radiation dose:	Nu	clear Fission: (Physics o	nly)	
1	Natural sources					
2	Man made sources		2			
3	Background radiation and dose may be affected by		3			
4	Units					
5	Half-life					
6	Nuclear radiation is used in medicine for					
Nuclea	ar Fusion: (Physic	s only)				
1						
2			4			

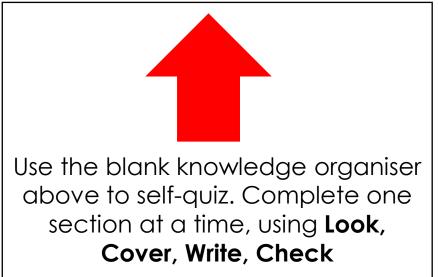
Beckfoot							nisation Part I Organ Systems		Group: 9	anism	enjoy leatn succeed	
1	Enzyme or	Where is	Action	Mechanical		hurning due		The Heart		Key Vocabulary		larv
2	chemical Amylase	it made? Mouth pancreas, small int.	Starch to glucose	Digestion	to <u>muscula</u> <u>contractio</u> stomach	ar		Pulmonary artery Aorta (arte	₽ry)	Enzyme Active site	A protein m biological ca	olecule that is a
3	Protease	Stomach, pancreas, small int.	Protein to amino acids	Digestion definition	break dow insoluble r	-		Pulmon	ary		will only bir substrate	d to one
4	Lipase	Pancreas,	Fats/Lipids			orbed <u>into</u>	1000	ein) vein		Lock and key	digest subst	of how enzymes rates
		small int.	to fatty acid and glycerol	Digestive System		Right atrium			Emulsify	Breaking lai into smallei	ge lipid globules droplets	
5	HCl/acid	Stomach	Optimum for Protease					•	Contraction	The only de to describe	scription to use	
6	Bile	Liver,	Neutralizes	Mouth		Salivary glands	Sy	stems Working Together			movement	muscle
		stored in gall bladder	stomach acid so optimum for enzymes	Oesophagus			1	The Respiratory System – lungs add O_2 to and remove CO_2 from blood	blood	Recoil		tery snaps back after expansion
Re	equired Practi	cals		Liver Gall bladder Pancreas Small intestine Appendix		Stomach 2 The Heart pumps blood carrying O ₂ to the for <u>respiration.</u>		cells	Meristem		cells are made ly at shoot and	
Quantitative Testing of food groups. Benedict's + sugars = green to brick red; Iodine solution = starch = blue/black; Biuret Reagent + protein = lilac;		Rectum	3	Glucose absorbed into blood from the dige system is pumped by heart to cells for respiration	estive	Xylem		transporting ninerals upwards				
Lipids = opaque (RP 3 Tril, 4 Trip) 1 Arteries Mus			uscular, elastic b	olood	vessels, take blood away from heart		Phloem	Plant organ dissolved su everywhere	0			
•				ss muscular and	ss muscular and elastic with valves , take blood back to the heart			Transpiration		out of the leaf		
•	 DV = time taken CV = volumes of solutions, temp 3 capillaries 3 One cell 			ne cell thick wall	s, del	ivery to individual cells		Translocatio n	Movement	of dissolved gh the plant in		



Fatty material or plaque builds up in coronary arteries.		aulty Heart Valves	LITES	tyle choices increa	asing Ris	sk fa	actors			Key Vocabulary	
		Replacing Faulty Heart Valves	Replacing Faulty Heart Valves 1 High fat diet, CHD				Hea		Health This the complete state physical and mental we		
			2	exercise Obesity	Type 2	Dia	betes	Non communi diseases	cable	Diseases that are NOT transferred between people and other organisms.	
(26		cuspid alve Mitral valve	3	Alcohol			Liver Function, nborn babies	Risk factor		Something that you do that	
ht onary ary			4	Smoking	-	disease and cancer, ning unborn babies				could increase the chance of you developing a disease	
Blood flow to heart muscle reduced.	Mechanical valves			Carcinogens	ionisin	g ra	diation (UVA and	Lifestyle choice		A choice a person makes about how to live and behave, according to their attitudes, tastes, and values.	
Muscle gets less O ₂ , so less respiration occurs so less energy released so heart cells respire less	Biological valves Key Valve Facts		6	Stress, difficult life	Other	, illne	esses, mental	Carcinoge	en	A substance capable of causing cancer in living tissue	
and die.			Other Risk Factors					Casia		_	
This is a heart attack and if the heart stops it is a cardiac arrest.	1	, , , , , , , , , , , , , , , , , , , ,						economic		How the impact of a factor on peoples lives also causes financial effects.	
Blood cholestero l increases plaque build up.	L	effectively.	7	Immune				Correlatio	on	When 2 or more factors can be	
Statins – drugs that reduce blood cholesterol	2	This can cause heart attacks.		problems	disease	es, a				linked together, they show a relationship with each other.	
Stents – inserted into coronary	3	Valves can be replaced by operation.	8	Viruses	Viral ce	ell ir		Causal lin	k	When the change in one factor i caused by another.	
the arteries so the heart cells get O ₂ for respiration.	4	Other treatments: Artificial Hearts	9	Illness in	Can ca			L			
		Transplants		general	proble	ms	e.g. depression				
Fatty deposits								Cancer			
Stent Soci		Socio – Economic Effects of D	Disease 1 Malignant Tumour			Made of cancer cells that spread in the body via the blood or lymphatic system and grow into more					
	1	,				Denim	malignant tumours				
			-		sive	2	Benign Tumour	•		l cell growth but the cells stay in t w tumours do not form , it is NOT	
	Muscle gets less O ₂ , so less respiration occurs so less energy released so heart cells respire less and die. This is a heart attack and if the heart stops it is a cardiac arrest. Blood cholesterol increases plaque build up. Statins – drugs that reduce blood cholesterol Stents – inserted into coronary arteries by operation to hold open the arteries so the heart cells get O ₂ for respiration. Fatty deposits	Muscle gets less O ₂ , so less respiration occurs so less energy released so heart cells respire less and die. This is a heart attack and if the heart stops it is a cardiac arrest. Blood cholesterol increases plaque build up. Statins – drugs that reduce blood cholesterol Stents – inserted into coronary arteries by operation to hold open the arteries so the heart cells get O ₂ for respiration. Fatty deposits Stent 1 2	Blood flow to heart muscle reduced. Muscle gets less O2, so less respiration occurs so less energy released so heart cells respire less and die. This is a heart attack and if the heart stops it is a cardiac arrest. Blood cholesterol increases plaque build up. Statins – drugs that reduce blood cholesterol Stents – inserted into coronary arteries by operation to hold open the arteries so the heart cells get O2 for respiration. Fatty deposits Stents – Stent Fatty deposits Stent Stents – inserted into coronary arteries by operation to hold open the arteries so the heart cells get O2 for respiration. Fatty deposits Stent Stent Stent Care for sufferers on a local, national and	Blood flow to heart muscle reduced. Muscle gets less O2, so less statis f Muscle gets less O2, so less respiration occurs so less energy statis f released so heart cells respire less and die. Othe This is a heart attack and if the heart f f stops it is a cardiac arrest. Blood cholesterol increases plaque f f build up. f Faulty valves mean that blood carrying O2 f f Statins – drugs that reduce blood f f g f Stents – inserted into coronary arteries by operation to hold open the arteries so the heart cells get O2 for respiration. g Other treatments: Artificial Hearts Transplants g Stent Stent Stent f g Fatty deposits f g g Stent Stent f f g Fatty deposits f g g g Stent Stent f g g Stent Stent f f g g Stent Stent g g g	Biodo flow to heart muscle reduced. Muscle gets less O ₂ , so less respiration occurs so less energy released so heart cells respire less and die. Image: Solution occurs so less energy released so heart cells respire less and die. Solution occurs so less energy released so heart cells respire less and die. Image: Solution occurs so less energy released so heart cells respire less and die. Solution occurs so less energy released so heart cells respire less and die. Image: Solution occurs so less energy released so heart cells respire less and die. Image: Solution occurs so less energy released so heart cells respire less and die. Image: Solution occurs respire respire less and die. Image: Solution occurs respire less and die.	Blood now to heart muscle reduced. Image: Steps (a, so) less respiration occurs so less energy released so heart cells respire less and die. Image: Steps (a, so) less (b, so) les	Bidod flow to heart muscle reduced. Imisting a construction occurs so less energy relaased so heart cells respire less and die. Imisting a construction occurs so less energy released so heart cells respire less and die. Imisting a construction occurs so less energy relaased so heart cells respire less and die. Imisting a construction occurs so less energy released so heart cells respire less and die. Imisting a construction occurs so less energy relaased so heart cells respire less and die. Imisting a construction occurs so less energy released so heart cells respire less and die. Imisting a construction occurs so less energy relaased so heart cells respire less and die. Imisting a construction occurs so less energy released so heart cells respire less and die. Imisting a construction occurs so less energy relaased so heart cells respire less and die. Imisting a construction occurs so less energy released so heart cells respire less and die. Imisting a construction occurs so less energy relation occurs so less energy relation occurs occurs and the problem occurs is not pumped to respiring cells as effectively. Imisting a construction occurs occurs and the problem occurs occurs occurs occurs and the arter cells so the heart cells get O_2 to a construction. Imisting a construction occurs construction occurs cells as the arter cells so the heart cells get O_2 to a construction. Imisting a construction occurs cells as the arter cells so the heart cells get O_2 to a construction. Imisting a	Bidd from to neart muscle reduced. Image: Side reduced.<	Biddo how to heart muscle reduced. Muscle gets less O ₂ , so less resyrespiration cours so less energy released so heart cells respire less and die. Image: Socio - economic cells as effectively. Socio - economic cells as effectively. Carcinogens of the social cours and the model of the social cours of the social c	Biddo flow to heart muscle reduced. Image: search and the search and the search and die. Image: search and the	

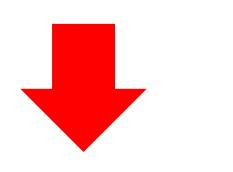
Beckfoot	Biology) Trilogy & Triple	Горіс: С	Organisation Part	2	Non communicable	disease	Year Group: 9
Coronary Heart Disease (CHD)	Faulty Heart Valves	Lifesty	yle choices increasing R	lisk fa	actors		Key Vocabulary
1 Plaque	Replacing Faulty Heart Valves Pulmonary valve Aortic valve	1	High fat diet, lack of exercise			Health	
		2	Obesity			Non communicat diseases	ble
	Tricuspid valve	3	Alcohol			Risk factor	
Right coronary artery		4	Smoking			Lifestyle cho	vice
2	Mechanical	5	Carcinogens			,	
3	Biological valves	6	Stress, difficult life			Carcinogen	
4	Key Valve Facts	Other	Risk Factors			Socio -	
+	1					economic	
5		7	Immune system			Correlation	
6	2		problems				
7	3	8	Viruses			Causal link	
	4	9	Illness in			Cancer	
Fatty	Socio – Economic Effects of D	isease	e	1	Malignant Tumour		
deposits	1 2			2	Benign		
Stent	3				Tumour		

1. Quiz It

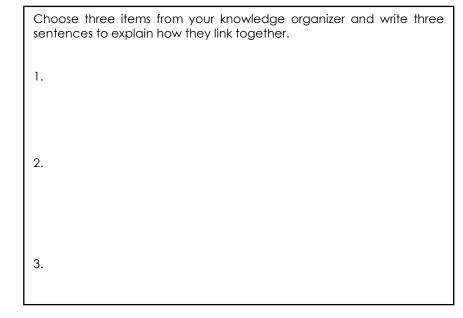


3. Map It

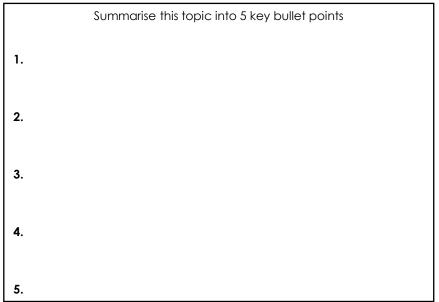
Use the space on the next page to create a mind-map or diagram to illustrate the knowledge from this topic.



2. Link It



4. Shrink It





Use this space to create a mind-map or diagram to illustrate the knowledge from this topic.

Beckfoot Subject:		Subject:	French	Topic: N	1a vi	e sociale d'ado T	2		
Key	verbs - p	present							
	1				Tim	ne phrases			
	Je pas	se	l spend		1	De temps en temps	From time to		
2	Je lis		l read						
3	Je vais	6	l go		2	Quelquefois	Sometimes		
4	Je mo	difie	l update						
5	Je con	nmente	l comment		3	Tous les jours	Every day Often		
6	Je fais		l do		4	Souvent			
7	J'ai		l have		5	Tout le temps	All the time		
8	Je ret	rouve	l meet		6	Tous les	Every weeker		
9	Je veu	x	l want			weekends/jours	,		
10	Je peu	IX	l can		7	Une/deux fois par semaine	Once/twice a		
11	On ve	ut	We want		L				
12	On pe	eut	We can						
13	On pa	rtage	We share						
14	On s'e	envoie	We send eac	hother					
15	On or	ganise	We organise	1	Ex	camples			
Key	verbs - p	oast	1			Je vais tous les jours s mes messages.	sur Facebook		
I	Je suis	allé	From time	e to time	2	Quelquefois on s'env	oie des photo		
2	Je suis	resté	Sometime	s	3	Je le trouve beau et g	gentil		
-					4	4 Je la trouve timide et jolie.			
3	J'ai m	_	Every day		5	5 Hier je suis allé sur Facebo			
4	J'ai joué		Often			des jeux vidéo.			

	Opin	ions and adjectives	
to time	T	Je pense que	l think that
	2	Je le trouve	l find it/him
	3	Je la trouve	l find it/her
	4	Beau/belle	Handsome/beautifu
	5	Drôle	Funny
	6	Pénible	Annoying
e	7	Égoïste	Selfish
kend/day	8	Jaloux/jalouse	Jealous
e a week	9	Gentil/gentille	Kind
	10	Lunatique	Moody
	11	Timide	Shy
	12	Joli/jolie	Pretty
		1	

Year Group: 9

Examples						
Ι	Je vais tous les jours sur Facebook et je lis mes messages.	I go on Facebook every day and I read my messages.				
2	Quelquefois on s'envoie des photos.	Sometimes we send eachother photos.				
3	Je le trouve beau et gentil	I find him handsome and kind.				
4	Je la trouve timide et jolie.	I find her shy and pretty.				
5	Hier je suis allé sur Facebook et j'ai joué à des jeux vidéo.	Yesterday I went o Facebook and I played video games.				



Beckfoot Subject: French Topic: I					e sociale d'ado T2	Year Group:	9 enjoy succeed		
Key	Key verbs - present			Tim	e phrases	Opin	pinions and adjectives		
I	Je passe						Je pense que		
2	Je lis				De temps en temps	2	Je le trouve		
3	Je vais			2	Quelquefois	3	Je la trouve		
4	Je modifie					4	Beau/belle		
5	Je commente			3	Tous les jours				
6	Je fais			4	Souvent	5	Drôle		
7	J'ai			5	Tout le temps	6	Pénible		
8	Je retrouve			6	Tous les	7	Égoïste		
9	Je veux			0	weekends/jours	8	Jaloux/jalouse		
10	Je peux			7	Une/deux fois par semaine	9	Gentil/gentille		
11	On veut				semane	10	Lunatique		
12	On peut			1		11	Timide		
13	On partage					12	Joli/jolie		
14	On s'envoie								
15	On organise			Ex	amples	-1			
Key	verbs - past	·			Je vais tous les jours sur Facebook et je lis mes messages.				
I	Je suis allé			2	Quelquefois on s'envoie des photos.				
2	Je suis resté			3	Je le trouve beau et gentil				
3	J'ai mangé			4	Je la trouve timide et jolie.				
4	J'ai joué			5	Hier je suis allé sur Facebook et j'ai joué à des jeux vidéo.				



Subject: German | Topic: Vorbilder – T I



Using	g the past tense	
I	Ich habe gearbeitet	l worked
2	Ich habe gemacht	l did / l made
3	Ich haben gewonnen	l won
4	Ich habe gesehen	l saw
5	Ich habe verdient	l earned
6	Ich habe trainiert	l trained
7	Ich bin gefahren	l travelled
8	Ich bin geworden	l became
9	lch habe Zeit verbracht	l spent time

Using the imperative							
I	Beug	bend					
2	Heb	lift					
3	Lauf	run					
4	Leg	lie					
5	Sitz	sit					
6	Spring	jump					
7	Steh auf	stand up					
8	Streck	stretch					
9	Vergiss	forget					

Using the future – werden			
Ι	lch werde	l will	
2	Du wirst	you will	
3	er/sie/es wird	he/she/it will	
4	wir werden	we will	
5	ihr werdet	you (pl) will	
6	Sie werden	You (formal) will	
7	sie werden	they will	

Using adjectives		
I	begabt	talented
2	berühmt	famous
3	bescheiden	modest
4	charismatisch	charismatic
5	erfolgreich	successful
6	grosszügig	generous
7	originell	original
8	reich	rich
9	selbstbewusst	self-confident
10	launisch	moody

Exa	Examples		
I	Mein Vorbild ist sehr begabt und selbstlos.	My role mode is very talented and selfless.	
2	Mein Lieblingssportler ist Marcus Rashford, weil er sehr grosszügig ist.	My favourite sportsman is Marcus Rashford because he is very generous.	
3	lch habe Biologie studiert und viele Länder gesehen.	l studied biology and seen lots of countries.	
4	In meinem Leben bin ich nach Afrika gefahren.	In my life I have been to Africa.	
5	Ich habe mir das Bein verletzt.	l broke my leg.	
6	Ich habe einen Monat im Rollstuhl verbracht.	l spent a month in a wheelchair.	
7	In der Zukunft werde ich Arzt werden.	In the future I will become a doctor.	



Subject: German Topic: Vorbilder – TI

Year Group: 9



Using the past tense			
I	Ich habe gearbeitet		
2	Ich habe gemacht		┢
3	Ich haben gewonnen		┢
4	Ich habe gesehen		┢
5	Ich habe verdient		┢
6	Ich habe trainiert		┝
7	lch bin gefahren		┝
8	Ich bin geworden		┝
9	lch habe Zeit verbracht		$\left \right $

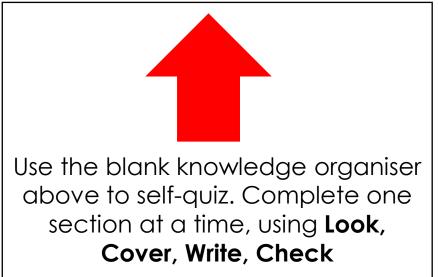
		_		
Using the imperative			Using	
I	Beug		I	lc
2	Heb	Γ	2	D
3	Lauf	ſ	3	er
4	Leg	F	4	w
5	Sitz	┢	5	ih
6	Spring	┝	6	Sie
7	Steh auf		_	
8	Streck		7	sie
9	Vergiss			

U	Using the future – werden		
I	lch werde		
2	Du wirst		
3	er/sie/es wird		
4	wir werden		
5	ihr werdet		
6	Sie werden		
7	sie werden		

Using adjectives		E	
I	begabt		
2	berühmt		2
3	bescheiden		
4	charismatisch		3
5	erfolgreich		4
6	grosszügig		5
7	originell		
8	reich		6
9	selbstbewusst		7
10	launisch		

Exa	Examples		
Ι	Mein Vorbild ist sehr begabt und selbstlos.		
2	Mein Lieblingssportler ist Marcus Rashford, weil er sehr grosszügig ist.		
3	lch habe Biologie studiert und viele Länder gesehen.		
4	In meinem Leben bin ich nach Afrika gefahren.		
5	Ich habe mir das Bein verletzt.		
6	Ich habe einen Monat im Rollstuhl verbracht.		
7	In der Zukunft werde ich Arzt werden.		

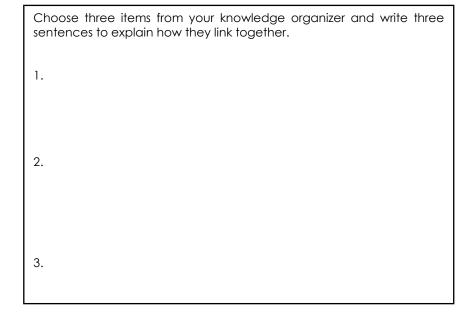
1. Quiz It



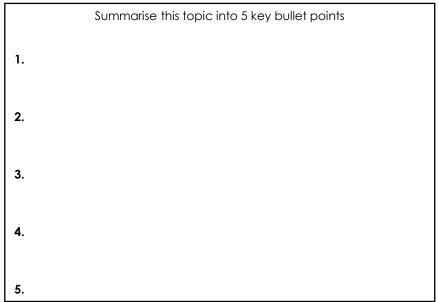
3. Map It

Use the space on the next page to create a graphic organiser to illustrate the knowledge from this topic.

2. Link It



4. Shrink It





Use this space to create a mind-map or diagram to illustrate the knowledge from this topic.

00
Beckfoot

Α.	A Across Russia							
1	Location	Russia is located in north-eastern Europe and northern Asia. It is the largest country in the world—slightly less than 1.8 times the size of the United States, with a total area of 17,075,200 sq. km (6,592,771 sq. mi).						
2	Bordering countries	Russia has boundaries with 14 countries: Norway, Finland, Estonia, Latvia, Lithuania, Poland (via the Kaliningrad Oblast), Belarus, Ukraine, Georgia, Azerbaijan, Kazakhstan, Mongolia, the People's Republic of China and North Korea.						



B. Russia's landscape									
1	Physical conditions	Much of Russia is under snow for up to 8 months a year. The tundra and sub-Artic climate zones have permafrost where there is frozen soil below the ground which stays frozen even in summer. In parts of Siberia, the permafrost is over 1km thick.							
2	Physical landscape	Russia has a variety of Biomes- Mountain ranges, tundra, temperate forest, Steppe, taiga.							

Subject: G	eogr	aphy	y	Topic: Russia							
		C.	Mel	ting perr	nafr	rost					
tern Europe and country in the times the size l area of sq. mi).	Europe and htry in the the size of a of				mafrost About a quarter of the entire nort hemisphere is permafrost, where ground is frozen year-round. It's widespread in the Arctic region Siberia, Canada, Greenland, and Alaska—where nearly 85 percent						
4 countries: via, Lithuania, blast), Belarus,						region sits atop a layer of persistent permafrost. However, global warming is rapidly thawing this frozen landscape.					
Kazakhstan, blic of China and		2		Climate Change		With global warming causing temperatures around the world to increasing, permafrost is thawing in many Arctic regions. This is causing a number of severe local and global problems.					
A Bartiel I	Ice wedge		D.	D. Rise and Fall of Russia							
			See A	Star A			1	Tsa	rs	The name for the king/ emperor of Russia from the 1300's.	
v for up to 8		2		mmun Russia	be pr ea	1919 Lenin created the USSR. He lieved in a communist rule in which all operty is owned by the community and ch person contributes and receives cording to their ability and needs.					
nate zones e is frozen stays		3		llapse the SR	vo	1991 the republics that formed the USSR ted to leave. The USSR was broken up d Russia alone					
5.0.75	Å		20	- in							



		impac
ne USSR. He at rule in which all ne community and s and receives y and needs.		
at formed the USSR	F. P	utin's Ru
R was broken up	1	Super
	2	Crime

succeed Nuclear reactor core E. Chernobyl disaster Location In eastern Europe in the country of Ukraine. Now an independent country, in 1986 the Ukraine was part of the Soviet Union. The 26th of April 1986, engineers were running Chernobyl safety tests at the Chernobyl nuclear power disaster station. There were four reactors at the station and they were testing reactor number four. During one of the tests something went wrong and there was a massive power surge which meant that the reactor gave out more power than normal and caused an explosion of the nuclear reactor. 29 people died within days of the explosion, cts however the impacts from radiation being released is unknown, 600,000 people exposed to the radioactive material were later

Year Group: 9

1

2

F. P	F. Putin's Russia								
1	Superpower	A country that has the ability to exert its influence and power through economic or military means at anytime.							
2	Crimea	The Republic of Crimea, officially part of Ukraine, lies on a peninsula stretching out from the south of Ukraine, to the east of Crimea is Russia. Crimea has been in conflict with Russia over its independence for many years.							

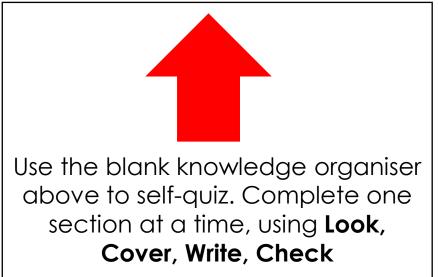
diagnosed with cancer.

Putin

		Subject: Geography	Topic: Russ	sia		Year Group: 9	enjoy Jean	
1) Climate	humidity, precipitation, su	egion, as temperature, air pres nshine, cloudiness, and winds aged over a series of years.		10) Steppe	a large area of flat un-fo Europe or Siberia.	n-forested grassland in south-eastern		
2) Boreal Forest		oniferous forests consisting mo s. The taiga or boreal forest is e.		11) Taiga	the swampy coniferous forest of high northern latitudes, especially that between the tundra and steppes of Siberia.			
3) Tundra		tree growth is hindered by low rowing seasons, the subsoil in zen		12) Radiation	the emission of energy as electromagnetic waves.			
4) Permafrost	Permafrost is ground that con more years, located on land have to be the first layer that	ntinuously remains frozen for two or under the ocean. Permafrost dc is on the ground. It can be an inch	oes not	13) USSR	The Soviet Union, officially the Union of Soviet Socialist Republics, was a federal socialist state in Northern Eurasia that existed from 1922 to 1991 and was the largest country in the world.			
5) Communism	is owned by the communi	al organization in which all pro ty and each person contribute		14) Crimea	The Republic of Crimea, officially part of Ukraine, lies on a peninsula stretching out from the south of Ukraine, to the east of Crimea is Russia.			
6) Nuclear Power	receives according to thei electric or motive power g	generated by a nuclear reactor		15) Stalin	Joseph Stalin, the leade Russia from mid 1920's	r of the communist party in so -1953.	viet	
7) Mutation	that may be transmitted to su alteration of single base units	of a gene, resulting in a variant fo ubsequent generations, caused by s in DNA, or the deletion, insertion ions of genes or chromosomes.	the	16) Putin	The current president of R	ussia.		
8) Superpower	A country that has the ability economic or military means a	to exert its influence and power t at anytime.	hrough					
9) Emerging power		power is a term used as recognitic of a nation—or union of nations- resence in global affairs.						

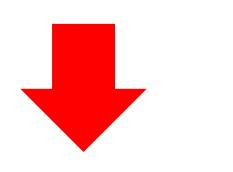
	्रवीयेन् Subject: Geo	ograp	hy	Topic: Russia				Yea	ar Group: 9		
		- L	C. I	Melting permafrost					e	njoy learn jucceed	
A 1	. Across Russia		1	Permafrost				E. Cl		reactor core	
								1	Location		
2											
	Bordering countries		2	Climate change			-	2	The Chernobyl disaster		
NOR sockholm Hsinki (R) Pe	Russia Russia Burgets SL-PeterSking Oktive SL-PeterSking Oktive SL-PeterSking Oktive SL-PeterSking Oktive SL-PeterSking Oktive SL-PeterSking Oktive SL-PeterSking Oktive SL-PeterSking Oktive SL-PeterSking Oktive SL-PeterSking Oktive SL-PeterSking Oktive SL-PeterSking Oktive SL-PeterSking Oktive SL-PeterSking Oktive SL-PeterSking Oktive Normali SL-PeterSking Oktive Normali SL-PeterSking Oktive Normali SL-PeterSking Oktive Normali SL-PeterSking Oktive Normali SL-PeterSking Oktive Normali SL-PeterSking Oktive Normali SL-PeterSking Oktive Normali SL-PeterSking Normali Normali SL-PeterSking Normali Normali SL-PeterSking Normali Nor	/edge	D. R	ise and Fall of Russia							
(Stalie snodar Grozniy A Gaspia	Aleman Kazarta Markala Aleman Kazarta			Tsars					impacts		
				Commun ist Russia							
	. Russia's landscape						'				
1	Physical conditions	_	3	Collapse			l r	F Pi	utin's Russia		
				of the USSR				1	Superpower		
		Å L		and the second second	N						
					S S			2	Crimea		
2	landscape	RUSSIA STONIA STONIA LATVIA LITHUANIA			URKMENISTAN	Putin					

	ୁ - ସିଥି Beckfoot	Subject: Geography	Topic: Russ	ia	Year Group: 9	enjoy Jean succeed
1) Climate				10) Steppe		
2) Boreal Forest				11) Taiga		
3) Tundra				12) Radiation		
4) Permafrost				13) USSR		
5) Communism				14) Crimea		
6) Nuclear Power				15) Stalin		
7) Mutation				16) Putin		
8) Superpower						
9) Emerging power						

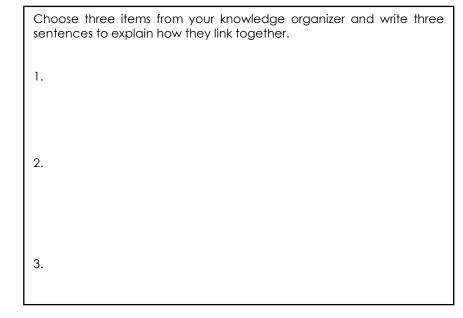


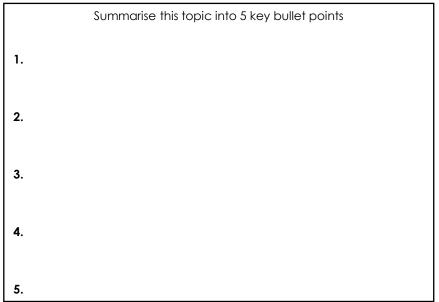
3. Map It

Use the space on the next page to create a mind-map or diagram to illustrate the knowledge from this topic.



2. Link It













1. The Holocaust and its consequences				2. Human Rights, the Geneva Convention and Rwanda					
1	What was the Holo- caust?	 The attempt by the Nazis to murder all the Jews of Europe between 1941 and 1945. Some people claim that all victims murdered or harmed by 		What is the United Nations?	 The UN was set up after WW2 to try and stop war by getting nations to co-operate. The Security Council is made up of the USA, the UK, France, Russia (formerly the USSR) and China, along with 10 other nations. The UN makes recommendations about international law covering war and human rights. 				
		 the Nazis should be conside Holocaust victims, others only Jews. 6 million Jews were killed of 11 million in Europe. 6-7 million other victims w also killed during 1941-45. 	say ² out	What do the Universal Declaration on Human Rights and the Geneva Convention say?	 The Declaration sets out rules on the rights that humans have such as being free, equality, fair trial and punishment. The Declaration is not a law but is used as the basis for many national and international laws. The Geneva Convention covers how combatants should behave in war. It is illegal to harm prisoners of war, civilians and non-combatants. 				
2	What policies did the Nazi state carry out	 They passed laws after 1933 exclude, punish and humili Jews. Kristallnacht proved the N state tolerated persecution Jews. 	ate azi	What happened during the Rwandan Genocide?	 The Rwandan Genocide of 1994 involved the murder of up to a million Tutsi by the Hutu majority. UN attempts to intervene or to stop the genocide were mostly a failure. 1.2 million Rwandans were put on trial for their roles but most received light or no punishments. Some of the leaders of the genocide were imprisoned or escaped justice. 				
	against Jews?	. Jews were placed in concen-	en- 3	UN Intervention					
		tration camps and ghettos. 4. In 1941 the Final Solution v an attempt to murder all Europe's 11 million Jews.		What issues emerged between the main UN members?	 China became a Communist country in 1949. The USA stopped China joining the UN as they wanted to stop Communism spreading. The USSR refused to engage with the UN until they allowed China in. The USSR began plotting with North Korea to attack South Korea. 				
3	What took place at the Nurem- berg Trials in 10452	 24 senior Nazis went on tria Nuremberg accused of crir against humanity and wag an illegal war. All pleaded not guilty but were convicted. Some were executed a 	nes ² ing 21	How was the UN involved in the Korean War?	 Korea was split into a Communist north and capitalist South after WW2 By 1950 the USSR was encouraging the North to invade. When they did invade, the US said it would help the South. The US got the UN to send an army that was mostly made up of American forces. A ceasefire was announced in 1953 but the war was never formally ended. 				
	1945?	others imprisoned for life. 3 After Nuremberg the victorious nations decided to take steps to try and stop similar issues in the future.	Was the UN intervention in Korea a success?	 Yes: Saved South Korea from Communism Yes: The danger of nuclear war was avoided No: Widespread death and destruction in Korea No: Increased tension between Communist and capitalist nations No: Didn't actually stop or resolve the war 					







1.	The Holocau	ist and its consequences	2.	Human Rights, the Genev	a Convention and Rwanda			
1	What was the Holo- caust?	1. 2.	1	What is the United Nations?	1. 2. 3.			
		3. 4.	2	What do the Universal Declaration on Human Rights and the Geneva Convention say?	1. 2. 3. 4.			
2	What policies did the Nazi state carry out	1. 2.	3	What happened during the Rwandan Genocide?	1. 2. 3. 4.			
	against Jews?	3.	3. UN Intervention					
		4.	1	What issues emerged between the main UN members?	1. 2. 3. 4.			
3	What took place at the Nurem- berg Trials in 1945?	1. 2. 3	2	How was the UN involved in the Korean War?	1. 2. 3. 4. 5.			
				Was the UN intervention in Korea a success?	1. 2. 3. 4. 5.			



Topic: How was the Second World War a catalyst for change?

Year Group: 9



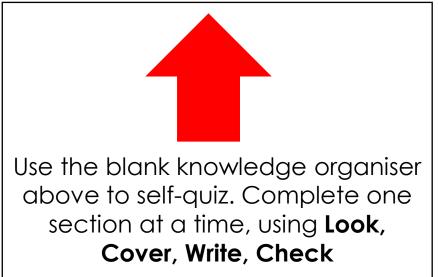
4.	The Secon <mark>d W</mark>	Vorld War and Social Change	6. The Second World War and Nuclear Warfare				Key Word	Definitions
1	What changes took place in the USA after WW2?	 Wartime campaigns such as 'Double V' sought to address racism Black servicemen gained respect and became politically active Brown vs Board outlawed segregation in education The Montgomery Bus Boycott led to segregation on public transport being outlawed 	1	Why was the atomic bomb used?	1. 2.	The USA dropped 2 bombs on Japan in August 1945 to end WW2. They argued that doing this would save lives in the long run – but it caused tens of	(Empire) Windrush Geneva Convention	The ship on which 492 new immigrants arrived in Britain in 1948 A 1949 international law governing how
2	What changes took place in Britain after WW2?	 The British government gave all Empire citizens British citizenship in 1948, so many people moved from the Caribbean to Britain for work. Some people feared a 'colour problem' and some immigrants faced racism and unequal treatment. Many black activists decided to organize events that showed 			3.	thousands of deaths and huge amounts of destruction. It was the first time a nuclear weapon had been used in war.	Intervention	combatants are meant to behave in war. The term for when UN forces get involved in a conflict
		 Many black activists decided to organize events that showed Caribbean culture in a positive light. The Notting Hill Carnival was started in response to racist attacks in the 1950s. 	 to organize events that showed elight. s started in response to racist 963 highlighted discrimination yees in the workplace. 2 How did tensions increase after the Second World World War? al Party sought to bring in new chool meals, sick pay and 2 How did tensions increase after the Second World War? 3. The USSR tried to cut Berlin off, which led to the formal splitting of Germany. 		MAD	Mutually Assured Destruction – the idea that if one		
		 The Bristol Bus Boycott 1963 highlighted discrimination against black and Asian employees in the workplace. 		tensions increase after the Second World		USSR sought to increase their control in Europe.		nuclear bomb was used there would be retaliation, and
5.	The Second V	Norld War and the NHS			2.	•		everyone would be destroyed
1	How did the welfare state develop	 When working class people got the vote in the 1860s, the government had to make sure that it looked after them in order to keep their vote. In the early 1900s, the Liberal Party sought to bring in new reforms such as free school meals, sick pay and 				The USSR tried to cut Berlin off, which led to the formal splitting of Germany.	NHS	The National Health Service, set up in 1948 to introduce free healthcare in Britain
	in Britain?	 unemployment pay. 3. During WW2, city children were evacuated to the countryside and people that they stayed with were shocked at their poor physical conditions. 			4.	When the USSR successfully tested a nuclear bomb, they became more confident in	United Nations	The organization set up after WW2 to try and stop future wars
2	Why was the NHS created?	 Government-funded healthcare had been discussed for decades. The Beveridge Report of 1943 identified "Five Giants" that threatened society. After WW2, many people voted for the Labour Party, who 			5.	challenging the USA. This led to a permanent state of tension and fear where both sides threatened MAD by suggesting they might use	Universal Declaration of Human Rights Welfare state	UN recommendations on rights that should be shared by all humans A state in which the
		promised to make life better for ordinary people as a reward for their sacrifices during the war.4. The NHS was set up to offer healthcare that would be free at the point of use.				the nuclear bomb.	wenare state	a state in which the government pays to ensure that people are looked after.



Year Group: 9

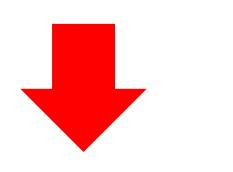


							5000
4. T	he Second W	orld War and Social Change	6.	The Second Wo	orld War and Nuclear Warfare	Key Word	Definitions
	What changes took place in the USA after WW2?	1. 2. 3. 4.	1	Why was the atomic bomb used?	1. 2.	(Empire) Windrush Geneva Convention	
	What changes took place in Britain after WW2?	1. 2. 3.			3.	Intervention	
		4.				MAD	
		5.	2	How did tensions increase	1.		
		/orld War and the NHS		after the Second World	2.		
1	How did the welfare state	1. 2.		War?	3.	NHS	
	develop in Britain?	3.			4.	United Nations	
2	Why was the NHS created?	1. 2.			5.	Universal Declaration of Human Rights	
		3.				Welfare state	
		4.					

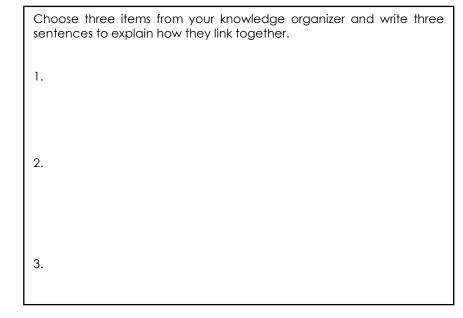


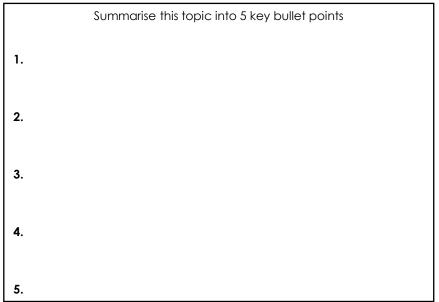
3. Map It

Use the space on the next page to create a mind-map or diagram to illustrate the knowledge from this topic.



2. Link It







Beckfoot Subject: RE

Topic: Ethical Enquiry

Year Group: Year 9



Kn	owledge Group I		Kno	owledge Group 3		Key word	Definition		
I	Name two types of relationships	Friendship, family	4	What is simulated killing?	The dramatization of killing such as in a video game	Marriage	The joining of two people as a legal couple. When done religiously it is done before God and then God blesses it as a covenant.		
2	Give two reasons why people marry	They love one another To have children				Covenant	A promise between yourself and God		
3	Explain what divorce is	Legal ending of a marriage				Divorce Consent	The legal ending of a marriage Permission for something to happen or		
4	What is a covenant?	A promise made with God					agreement to do something. Sexual consent means both people verbally say they want to and are happy to have sexual contact.		
5	Give two forms of contraception	The Pill, condoms				Contraception	Method or barrier to stop STI's and unwanted pregnancy's. It comes in different forms.		
6	What is consent?	Permission for something to happen, saying you're happy and comfortable with what is happening	Kr	nowledge Group 4		Designer babies	A baby whose genetic make-up has been selected in order to eradicate a particular defect, or to ensure that a particular gene is present.		
Kn	owledge Group 2	and the second	I	What is abortion?	The termination of a pregnancy	Genetic engineering	The deliberate modification of the characteristics of an organism by manipulating its genetic material.		
I	What is genetic engineering?	The deliberate modification or changing of an organism				What does the UK law say about abortion?	Its legal up to 24 weeks with the consent of 2	Organ donation	Giving an organ to someone else who needs a transplant.
2	What is a designer baby?	Genetically modified baby so it removes a certain defect or has	3	Why are most religions	doctors They believe life is a	Simulated killing	The dramatization of killing within a fictional context, e.g. in video games, films and plays		
3	Give one religious	a particular gene Its playing God, only God can		against abortion?	sacred gift from God	Abortion	When the pregnancy is ended so that it does not result in the birth of a child.		
5	argument against designer babies	create life we should not mess with it	4	What is euthanasia?	Painlessly ending someone's life to relieve	Pro-life	Opposing Abortion believing life is sacred.		
4	Give one secular reason		5	What is the sanctity of	suffering All life is sacred and	Pro- Choice	Supports the mothers right to have an abortion if she chooses.		
	to support designer babies	serious defects		life?	special	Stewardship	The belief that religious people have a duty and responsibility to look after the world		
6	Explain why the biblical quote 'man in the image	God makes people perfect in his image so people should change	6	What does stewardship mean?	Humans have the duty to take care of the	Dominion	The religious belief that God gave humans authority to rule over the world and its animals		
	of God' is against genetic engineering	it			environment	Euthanasia	The merciful killing of someone to help them die to stop their pain and suffering.		
						Voluntary euthanasia	When the person suffering asks someone to help them end their life.		
						Non voluntary	When the person who is suffering cannot say they want to end their life and so their family has to decide.		

Y

Ethics is the study of morality, deciding what is right and wrong. Different cultures and religions around the world have different ethical views
 The study of ethics has spanned over centuries with influences from ethicists from all parts of the globe
 The questions enquired about in ethics consider different concepts such as medical ethics and humanity

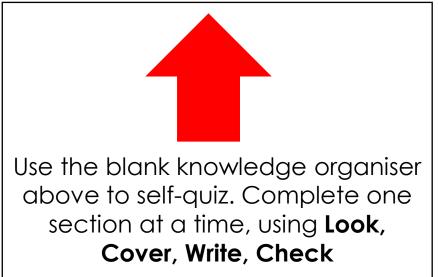
ୁର୍ଘିତି Beckfoot Subject: RE

Topic: Ethical Enquiry

Year Group: Year 9

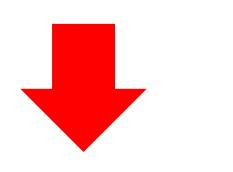


Knowledge Group I		Kno	wledge Group 3		Key word	Definition	
Name two types of relationships			What is simulated killing?		Marriage		
2 Give two reasons why people marry					Covenant		
Explain what divorce is					Divorce		
What is a covenant?					Consent		
Give two forms of contraception					Contraception		
What is consent?		Kn	owledge Group 4		Designer babies		
nowledge Group 2		I	What is abortion?		Genetic engineering		
What is genetic engineering?		2	What does the UK law		Organ donation		
What is a designer			say about abortion?		Simulated killing		
baby?		3	Why are most religions against abortion?		Abortion		
Give one religious argument against designer babies		4	What is euthanasia?		Pro-life		
Give one secular reaso	n				Pro- Choice		
to support designer babies		5	What is the sanctity of life?		Stewardship		
Explain why the biblical quote 'man in the imag		6	What does stewardship		Dominion		
of God' is against genetic engineering			mean?		Euthanasia		
					Voluntary euthanasia		
					Non voluntary		
The stu	the study of morality, deciding what is rig dy of ethics has spanned over centuries wi estions enquired about in ethics consider d	ith infl	luences from ethicists from a	ll parts of the globe	have different e	thical views	

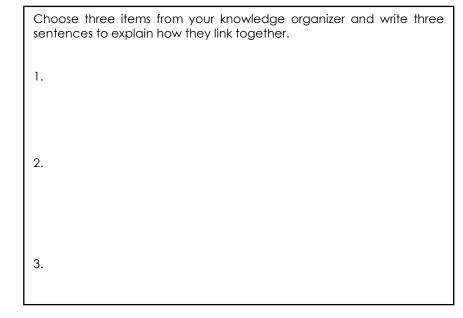


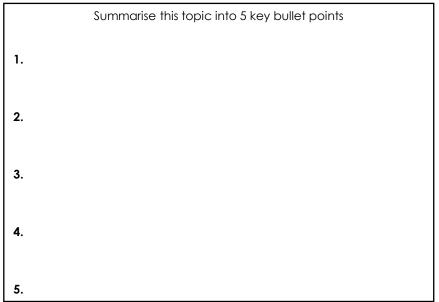
3. Map It

Use the space on the next page to create a mind-map or diagram to illustrate the knowledge from this topic.



2. Link It







В	ୁର୍ଘାପିଲ୍କ eckfoot	Design & Technology; Fc	od			Topic: The power of food			Year Gi	oup: 9	enjoy jeatn succeed
1.	Knowled	dge is power		2. H	low to a	adapt a recipe		Key	y Vocabulary	,	
		People with a healthy relationship to food eat	┥┝		KFC &	Type of potato:		1	Deficiency	A lack/shortage of a	a nutrient in the body.
1	Healthy relations	mindfully. Eat when they're <i>physically</i> hungry. Don't "make up" for a meal.		1	wedges	Sweet potato, white, new Fish/chicken: Salmon, Pollock, chicken, turkey		2	Excess	Too much of a nutr	ient in the body.
	hip with food	Or eat to see a change on the scales and they don't let food interfere with daily life.			KK	Coating/seasoning: Cornflakes, rice krispies, cherrios paprika, oregano, chilli		3	Macronutrient	A nutrient required diet. E.g. carbohydr	in large amounts in the ates, fats, protein.
	Food	The food we consume can have an effective on our physical health both in a positive and negative way. Too much of a certain nutrient can		2	Big Mac	Mince choice, combining, moulding, shaping, cooking methods. Vegan/pescatarian options.		4	Micronutrient	A nutrient required diet. E.g. vitamins, r	in small amounts in the ninerals and NSP.
2	and physical health iron prevents anaemia). Exercise and Health.			1	Noodle	Garnish development, leaves, vegetables, Sauces – mayo, chilli, Type of noodles: dry, fresh, egg, rice, udon,		5	Anaemia	in the diet where yo	n be caused by lack of iron u lack enough healthy red enough oxygen around
		from prevents angenna). Exercise ang freatur.		3	pots	Sauce Ingredients: soy, fish sauce, ginger, chilli, garlic				the body.	5 75
	Food and	Everything we put into our bodies has an affect on how we perform both our daily activities and sports performance.				Protein and vegetables: beef, tofu, egg, carrot, asparagus, broccoli, onion, nuts Meat filling choices, vegan, fish		6	Diverticulitis	NSP/fibre in the die	your digestive system and
3	performa nce	Dieticians have an vital job when working with top athletes as each athlete/sport has a different focus and each nutrient has a different benefit. Mental health effects how we think, feel and		4	Sausage Bites	5 veg a day, grating to hide for toddlers. Eliminate fatty pastry using wholegrain bread as a casing. Shaping, moulding, securing, glazing, consistent sizing, even cooking		7	Osteoporosis	A condition that can calcium/vitamin D i	n be caused by lack of n the diet. It weakens fragile and more likely to
4	Food and	Mental health effects now we think, reel and behave. Foods that have a positive effect: - Healthy fats: nuts and olive oil - Oily fish: salmon and tuna		 5	Cheesecake	Type of biscuits: Gingernuts, digestives Flavour of cream topping: Lemon, blueberry, mango, pineapple		8	Well-being	Well being is feeling Includes having goo life satisfaction.	i well, feeling positive. d mental health and high
	mental health	 Fruit and vegetables Foods that have a negative effect Sugar 				Topping/decoration: Crystallised lemon slices, blueberry cluster, chocolate decoration, strawberry fans		9	SMEE Issues	Social, moral, ethica e.g. Organic, Halal, veganism	l and environmental issues Fair trade, farm assured,
		- Caffeine - Processed food		100	Loaded Nachos	Using standard component to make another product, nachos. Seasoning, spice measuring on nacho and		10	Symptoms	A physical or menta condition or disease	l feature that points to a
5	Food and	Morality means the principles of what is right and wrong or good and bad behaviour. In food it usually links to SMEE issues. How what we eat		6		dips. Dip techniques, blending, mashing, liquidising, slice, dice, chop. Enzymic		11	Calorie	The amount of ener drink is measured in	gy in an item of food or calories
	impacts our environment and those around us.			T	Thai Curry	browning , use of lemon juice Marinading, tenderising, use of authentic, traditional spices. Cooking techniques, temperature control, chicken.		12	Dietary Needs	Certain diets that pe follow OR must foll and allergies. E.g. La	ople either choose to ow due to intolerances ctose/ Gluten free
						Accompaniements, rice, noodles, orzo, couscous. Appropriate Vegetable selection	'				
	□ Think ow else does food effect our lives. □							l Can proj		other new words y	you've learnt in this

В	Design & Technology; F		od		Topic: The power of food		Year G	roup: 9	enjoy Jean succeed
1.	Knowled	ge is power	2.	How to	adapt a recipe	Key	[,] Vocabulary	/	
1 2 3	Healthy relations hip with food Food and physical health Food and performa nce		1 2 3 4	KFC & wedges Big Mac Big Mac Noodle pots Sausage Bites		1 2 3 4 5 6 7	Deficiency Excess Macronutrient Micronutrient Anaemia Diverticulitis Osteoporosis		
4	Food and mental health Food and morality		6	Cheesecak Cheesecak Loaded Nachos		 7 8 9 10 11 12 	Well-being SMEE Issues Symptoms Calorie Dietary Needs		
	Think ow el	se does food effect our lives.	C Rese	arch benefit	ts of cooking for yourself.	Can y proje		other new words y	you've learnt in this



Design & Technology; Product Design

Topic: Illuminated 3D Jigsaw

Year Group: 9



Becktoot												
1. 1	Tools & equip	oment	2.	Electronic Co	mponents	4.	Materials;	Manufactured Boards				
1	Coping Saw	Hand held tool used to cut intricate shapes in woodworking	1	Battery Snap	Snap onto the leads on the terminal end of a standard 9V battery.	1	Medium Density Fibreboard	Made by breaking down any woods into wood particles, combining it with urea- formaldehyde(UF) resin, and forming it into panels by				
2	Bandfacer 🕌	A vertical bandfacer used for sanding, finishing & linishing	2	Switch	A component that can disconnect or connect the path in an electrical circuit.		(MDF)	applying high temperature and pressure.				
3	Hegner Saw	tasks. (making surfaces flat). A piece of machinery used to cut intricate curves and joints	3	Light Emitting Diode (LED)	A light source that emits light when current flows through it in the correct direction.	2	Plywood	Strong thin wooden board consisting of two or more layers glued and pressed together with the direction of the grain alternating.				
4	Soldering Iron	An electrical tool which applies heat, melting solder allowing	4	Wire	Made from copper, allowing electricity to flow between components.	3	Chipboard	Made from compressed wood chips and phenol formaldehyde glues, often coated or veneered to give				
	4	you to join metals together.		Battery	A combination of electrochemical cells with			desired appearance				
5	Glass Paper	Sheets of paper with abrasive material glued to one face to enable finishing of specific	5		external connections for powering electrical devices.	4	Hardboard	A cheaper option than plywood where strength is not required. Made from wood fibre & resin.				
		materials.	5.	Process; Solde	ring	5	Oriented Strand	OSB is Formed out of compressed layers of wood strands with				
6	Wire Cutters	Hand held tool used to cut through wires or cables	Step 1		on with the tip of the soldering		Board	adhesives.				
	1	5			onds, then apply the solder.	K	ey Vocabu	any				
	Wire Strippers	A hand-held tool designed to remove insulation from	Step 2	solder is applied.	g tip on the connection as the		Cy VOCqDU	A shaped piece of rigid material used				
7		electrical wires.	Step 3	Remove the tip fro solder has flowed	om the connection as soon as the	1	Template	as a pattern for repeated processes such as cutting out or shaping				
8	File	Hardened steel in the form of a bar or rod with many small cutting edges raised on its	Step 4	Don't move the co cooling.	onnection while the solder is	2	Model	A particular design or version of a product				
		surfaces; used for smoothing or shaping objects.	Don't overheat the connection, as this might damage the electrical component you are soldering				ring 3 Prototype A first version of a device from which other forms are developed.					
	5and down any fini (P80,P120,P240,F	ished plywood shapes 2320,P400)	Know about Series Circuits & Parallel Electrical Circuits				 Know the black wire goes to the short leg on the LED. (Red – positive, Black – Negative) 					



Year Group: 9



-	Tools & equipment	2.	Electronic Components	4.	Materials; Manufactured Boards
1	Coping Saw Bandfacer	1	Battery Snap Switch	1	Medium Density Fibreboard (MDF)
3	Hegner Saw	3	Light Emitting Diode (LED) Wire	2	Plywood
4	Soldering Iron	4	Battery	3	Chipboard
5	Glass Paper	5		4	Hardboard Oriented
6	Wire Cutters	Step 1 G	Process; Soldering		Strand Board
	Wire Strippers	Step 2		K	ey Vocabulary
7		Step 3 S		1	Template
8	File	Step 4		2	Model
		Step 5		3	Prototype
	Sand down any finished plywood shapes (P80,P120,P240,P320,P400)		Cnow about Series Circuits & Parallel Electrical Circuits	□ (Re	Know the black wire goes to the short leg on the LED. d – positive, Black – Negative)

E	,_র্ঘট Beckfoot	Design and Technology – Textiles			Graffiti				Year 9	enjoy learn succeed	
		Formal Elements		Кеу	[,] Vocabulary		Te	chni	iques and processe	5	
Ι	Tone	Smooth shading which fades gradually from dark to light	1	Graffiti/Street art	Graffiti or Street art is unofficial and independent visual art created in public locations. It often has a	I	Tie Dying		The process of tying and dy material into a pattern, bin dye to create a vibrant desid	ting it and applying	
2	Form	Curved shading around the outline of an object using tone			personal or political message. Common forms include spray paint, stencil, poster or sticker art		Bondaweb		The process of applying acr bondaweb paper and applyi	ylic paint to adhesive ng heat to transfer	
3	Pattern	Created by repeating shapes, line or colour			and street installations.	3	Lamination		the paint to fabric to create The process of applying acr		
4	Line	Hard and soft lines controlled using pressure	2	Annotation	Text accompanying images/practical work which explains, describes and justifies	3			layers of plastic and applying activity of the layers and the	g heat to seal	
5	Texture	Comes in two forms actual (physical) or implied	3	High resolution images	Images with a high pixel resolution – clear/well defined quality images	4	Repeat patterns	0 (0 0 (0)	An image which is used mu interesting patterns	ltiple times to create	
6	Colour	The process of applying colour (primary or tertiary) to create effects/realism	4	Mixed Media	Mixed media art refers to a visual art that combines a variety of media in a single artwork. For example, pencil,	5	Free machine embroidery		To use a free machine foot machine to achieve free mo creates designs and patterns	otion sewing which	
7	Shape	An area enclosed by a line. Shapes can be either geometric, like a circle, square or			paint, ink or fine liner etc.		22000			,	
		triangle, or irregular.	5	CAD	Computer Aided Design is the use of a range of computer software to		. <u> </u>	Γool	ools and Equipment		
	Conte	extual links/Key names			support the creative/design process of products	I	Heat press	ť	A heat press imprints designs c he application of heat and pre ime	on to a material with ssure for a period of	
I	Banksy	Banksy is an anonymous England-based street artist, vandal, political activist, and film director, active since the 1990s.	6	Repeat Reflect Rotate	Occurs multiple times A mirror image Move in a circle round an axis	2	Dyes		A natural or synthetic substan :olour	ce used to add	
2	Lady Pink	Lady Pink is an Ecuadorian-American		Halfdrop repeat	Staggering the repeat of an image along a vertical line	4	Bondaweb	1	A soft adhesive web attached t	o transfer paper	
	AHA	graffiti and mural artist. She focuses on empowering women, using street art as acts	7	Justification	Presenting a reason, fact or opinion	5	Acrylic paint	_	A water based fast drying pain		
		of rebellion and self-expression.			for your choices or actions	6	Free machine foo		A circular foot allowing free m firections	otion sewing in all	
3	Keith Haring	Keith Haring was an American artist whose pop art and graffiti work grew out of the	8	Inspiration	The process of being influenced or		Feed dogs		Metal teeth like ridges which g		
		New York City street culture of the 1980s			Cotton material		Noven natural soft material w :otton plant	hich comes from the			

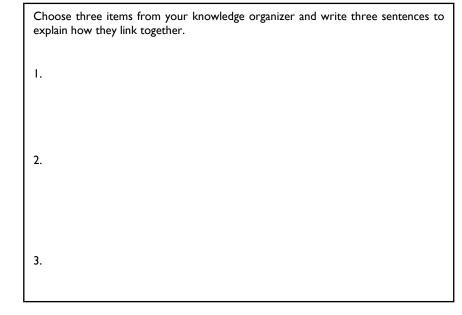
ر آگ Beckfoot	Design and Technology – Textiles		Graffiti			enjoy learn succeed		
[Formal Elements		Key Vocabulary			Techn	iques and processes	
Tone		I	Graffiti/Street art	I	Tie Dying			
2 Form				2	Bondawel	Þ		
3 Pattern	₹	2	Annotation	3	Laminatio	on		
4 Line		2						
5 Texture		3	High resolution images	4	Repeat pa	tterns		
6 Colour		4	Mixed Media	5	Free mac embroide	hine ry		
7 Shape	5	5	CAD			Тоо	ls and Equipment	
Conte	xtual links/Key names			1	Heat pres		• •	
I Banksy		6	Repeat Reflect Rotate	2	Dyes			
2 Lady Pink			Halfdrop repeat	4	Bondawe			
		7	Justification	5	Acrylic pa Free mac			
3 Keith Haring				6				
		8	Inspiration	7	Feed dog Cotton m			

Use the blank knowledge organiser above to self-quiz. Complete one section at a time, using Look, Cover, Write, Check

3. Map It

Use the space on the next page to create a mind-map or diagram to illustrate the knowledge from this topic.

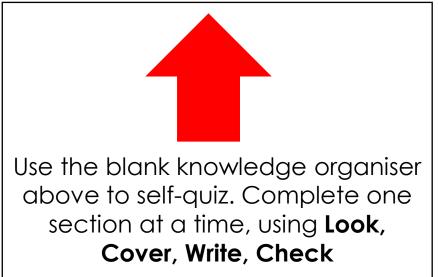
2. Link It





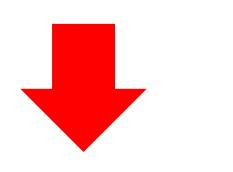
	ہے۔ Becl	Performing Arts	S	Торіс:	Blood	Brothers			Year Grou	ıр: 9	enjoy leatn succeed	WILLY RUBSH	nu's									
١.	Blood Brothers	- Written by Willy Russell					others to identify the	Th	emes:													
Ι	Setting	Liverpool - 1960's	dit	ferent ways the Social Class		rs come across	in the play. d on social and economic	I	Nature	Your pe	ersonality is decided by	biological factors. It is in yo	our									
2	Characters	Mrs Lyons – • A wealthy woman. • Doesn't work.			status (h	ow much money t	hey have).	2	Nurture	Your pe		by your life experiences an o as you are growing up.	nd									
		 Married to a wealthy businessman. Can't have children. Mrs Johnstone – 	2	Working Class		d for wages, espec	of people who are ially in manual or	3	The role of			stay at home and look afte	er the									
		 A single Mother of 7 children. Mickey and Edwards biological 	3	Middle Class			he upper and working nal and business people		women Education	family while the men went out to work. The compulsory school leaving age was 14 in the 1960s.			lf you									
		 works as a cleaner. Edward Lyons - Son to Mrs Lyons. 	4	Upper Class	are the w	ho hold the highe vealthiest member	st social status, usually rs of society, and wield		Education	were fr to worl schools	rom a poorer family you	were more likely to leave divide between grammar	early									
		 Biological mother is Mrs Johnstone. Twin brother to Mickey but doesn't 			the great	est political powe	r.	5	Growing up	We see Eddie and Mickey growing from young innocent boys,			boys,									
		 know. Lives in a richer part of Liverpool. Has a great education. 		4. Stanislavski - Konstantin Stanislavski was a Russian Theatre Practitioner (someone who has had a BIG INFLUENCE on theatre).							, ,	being mischievous, to sponsibilities and serious										
		 Mickey Johnstone – Son to Mrs Johnstone. Lives in the poorer part of Liverpool. 	1	Magic 'IF'		themselves into	neans that the actor puts the character's situation. Io if I was in this	6	Friendship	meetin		endship within minutes of ers' ritual, ironically trying t brothers										
		Has 6 siblings that he lives with.Has a twin brother called Edward.	2	7 Questions		1. 2.	Who am I? Where am I?	6.	. Characterisation techniques													
		 Doesn't have a very good education. 		Stanislavski v actors to ask					would ask	would ask			vould ask	would ask	3. 4.	What time is it? What do I want?	I	Characterisatic		The ability to portray a language, movement ar	character using voice, body nd gestures.	У
		 Eddie and Mickey's childhood friend. Lives in the poorer part of 		questions to about how th character wo respond to t	ne ould	5. 6. 7.	Why do I want it? How will I get what I want? What must I overcome	2	Accent – Liverpudlian ar RP.	nd		ounces words depending on this case, the accent is .	on									
		Liverpool.Marries Mickey when she is older.		questions.			to get what I want?	3	Leading body p	parts	The part of your body th	nat is furthest forward.										
3	Synopsis	The story is a contemporary nature versus nurture plot, revolving around fraternal	3 Objectives			What your chara the scene	acter wants to achieve in	4	Conscience Alley		A drama technique to sl out loud, usually two sig	now the thoughts of a char des of an argument	racter									
Co <u>htt</u>	twins Mickey and Eddie, who were separated at birth, one subsequently ontextual Links : https://www.youtube.com/watehrys.dve/d0bis.h/			4 Given Circumstance		Information about the character and their history. It also includes the time period and location.		ir 5 Levels Of Tensi				tates of relaxation and tig	htness									

	ہے۔ Bec	Performing Arts		Year Group: 9	succeed will russeles			
١.	Blood Brother	s – Written by Willy Russell	2.	Class system – This	is used in Blood Brothers to identify the cters come across in the play.	Th	iemes:	
Ι	Setting			Social Class	cters come across in the play.	1	Nature	
2	Characters	Mrs Lyons –	1	Social Class				
			2	Working Class		2	Nurture	
		Mrs Johnstone –	3	Middle Class		3	The role of women	
		Edward Lyons -	4	Upper Class		4	Education	
			4. Stanislavski - Konstantin Stanislavski was a Russian Theatre Practitioner (someone who has had a BIG INFLUENCE on theatre).				Growing up	
		Mickey Johnstone –	-	Magic 'IF'		6	Friendship	
			2	7 Questions		6.	Characterisation techn	iques
		Linda —		Stanislavski would as actors to ask these 7		I	Characterisation	
				questions to think about how the character would respond to the		2	Accent – Liverpudlian and RP.	
3	Synopsis (the story)			questions.		3	Leading body parts	
	••		3	Objectives		4	Conscience Alley	
			4	Given Circumstance	25			
Co htt	ntextual Links : <u>https</u> ps://www.bbc.co.uk	//www.youtube.com/watch?v=dvek0bj451Y /bitesize/guides/zwt4frd/revision/1				5	Levels Of Tension	

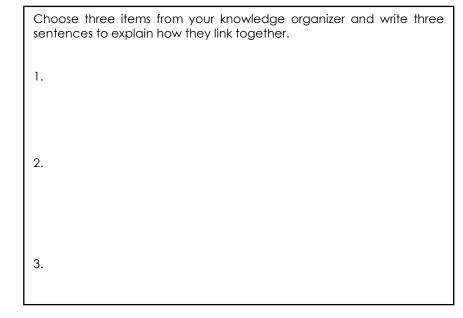


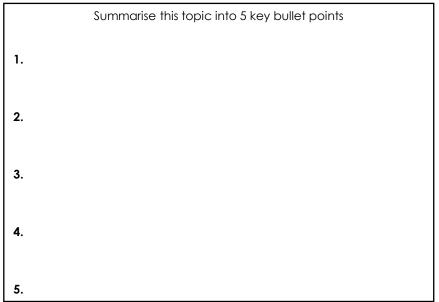
3. Map It

Use the space on the next page to create a mind-map or diagram to illustrate the knowledge from this topic.



2. Link It





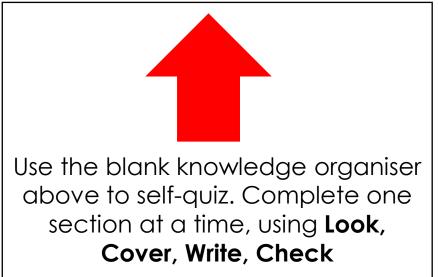


	00.	enjoy	Subject:		Topic: Stree		Year 9		Кеу	Vocabulary		
B	eckfoot School	succeeu	Art		(Stencilli	ng)		1	Street Art	Street art is visual art		
	<mark>Knowledge Gro</mark>	up 1 Low relief back	ground	Knowledge Group 2 Techniques						created in public locations for public visibility.		
1	Expose	Make (something) uncovering it.	J. J		ng it. paintbrush that is relatively dry,		2	Muhammad Ali	Birmingham-based street artist who uses aerosol			
2	Low relief				orms extend only slightly from		Stippling (painting)	but still holds pa A painting techr paintbrush is he	nique where a ld in a vertical			paints to create murals around his hometown. His work brings meaning to the public space.
3	Mixed media	A term used to des				position and use marks on a surfa		3	Gum tape	A paper tape with a shiny		
		artworks composed from a combination of different media or materials.		combination of different media		3	Acrylic transfer		mbedding of ink			and matt surface. Activated by water, gum tape penetrates the fibers
4	Collage	A technique and th work of art in whic	ch pieces of			from a photoco onto a different acrylic paint.				of the card rather than just the surface.		
		paper, are arrange down onto a suppo surface.	orting					4	Cardboard	A corrugated fiberboard which is made of multiple plies of paper-based		
5	Compositional flow	Composition flow i movement, directi								material.		
		leading the eye fro of a composition to the direction you v move.	om one part o another in					5	Cause	A principle, aim, or movement to which one is committed, and which one is prepared to defend or advocate.		

		Knowledge Group 4 Stencilling
1	Stencil	A thin sheet of material, such as paper with letters or a design cut from it, used to produce the letters or design on an underlying surface by applying paint through the cut-out holes in the material.
2	Highlights	The areas on an object where light is hitting.
3	Shadows	The darker areas on an object where light is not hitting.
4	Colour blending	The process of applying gradual tone using a dark colour and layering a similar (lighter) colour.

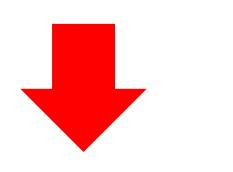
D		enjoy learned	Subject: Art		Topic: Stree (Stencilli		Year 9			Vocabulary
Be	eckfoot School	success			(000000			1	Street Art	
	Knowledge Gro	<mark>up 1</mark> Low relief b	ackground		Knowledg	<mark>ge Group 2</mark> Techr	iques			
1	Expose			1	Drybrush			2	Muhammad Ali	
2	Low relief			2	Stippling (painting)					
3	Mixed media							3	Gum tape	
				3	Acrylic transfer					
4	Collage									
								4	Cardboard	
5	Compositional									
	flow							5	Cause	

	Knowledge Group 4 Stencilling						
1	Stencil						
2	Highlights						
3	Shadows						
4	Colour blending						

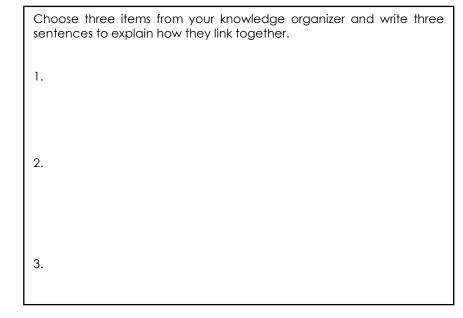


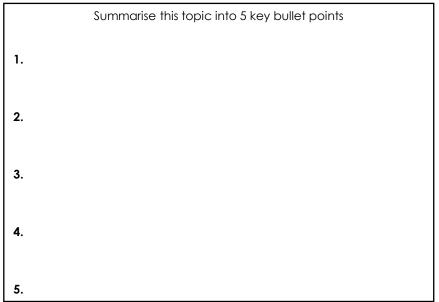
3. Map It

Use the space on the next page to create a mind-map or diagram to illustrate the knowledge from this topic.



2. Link It









Music

_	Deckioot							
1.	1. Baroque Period							
1	Baroque	Era of music from 1600- 1750						
2	Composers	Bach, Pachelbel, Vivaldi, Handel						
3	Baroque Instruments	Harpsichord, Organ, Violin, Cello, Wooden Flute						
4	Terraced Dynamics	Sudden changes in the volume level, sometimes creating an echo effect						
5	Basso Continuo	A form of musical accompaniment. It means "continuous bass". A bass line played by the left hand and doubled on the other bass instrument.						
6	Harpsichord	a keyboard instrument where the strings are plucked rather than hammered.						

2. (2. Classical Period						
1	Classical	Era of music from 1750- 1820					
2	Composers	Mozart, Beethoven, Haydn, Schubert					
3	Classical Instruments	Strings, woodwind, brass and percussion all used					
4	Homophonic Accompaniment	One line of melody played by all instruments at the same time. Sounding together					
5	Alberti Bass	A type of arpeggio, or 'broken' chord, in which the notes of the chord are played in the order lowest, highest, middle, highest.					

ŀ	list	ory of Music			Year Gr			
	3.	Minimalism						
	1	Minimalism		orm of music that emplo r minimal musical materi				
	2	Composers		teve Reich, Phillip Glass, lyman	Michael			
	3	Syncopation		hythm patterns where st otes are placed off the b				
	4	Cross Rhythms	Conflicting rhythm patterns played together.					
	5	Diatonic Harmony	Involving only notes proper to the prevailing key without chromatic alteration.					
	6	Phase	ir		e same part played on two rruments slightly out of time h each other			
	7	Sampling		Re-use of a portion of sound from another recording				
	8	Loops		ontinues repletion of a n hrase	nusical			
	4.	Compositional	Те	chniques				
	1	Imitation		Repetition of melody in different voice (Differe instrument)				
	2	Canon		A melody with one or r imitations of the meloo after a given duration				
	3	Ornamentation		Musical flourishes such as a trill (rapid playing of a notes and the one above it)				

Year Group: 9 – Half term 2

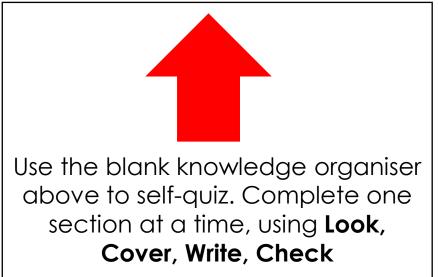


_				SUCCOU						
	5. Key vocab Musical forms									
	1	Binary	ary (AB)- where the music has two clear sections							
	2	Ternary	se	(ABA)- where the music has two sections then returns to the first section						
	3	Rondo	Se Sa	(ABACA)- where the music has one sections which keeps returning and is sandwiched between lots of different sections						
		ey Vocab Isical elen	her	nts						
	1	Melody		The main tune, played on instruments or sung.						
	2	Chords		Two or more notes played at once.						
	3	Broken chords		Notes of chord played individually						
	4	Ostinato		Repeating musical phrase						
	5	Pitch		High or Low						
	6	Dynamics	5	Volume of music						
	7	Texture		Layers of instruments used- Thick or thin						
	8	Timing		Playing with the pulse						

Other musical styles linked to this: Romantic, Modern, Renaissance

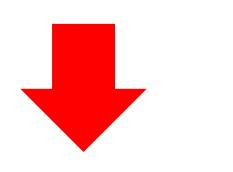
R	ckfoot	Music	Hist	ory of Music	Year Gro	oup:	9 – Half term 2
	Baroque Perio	d	3.	Minimalism			Key vocab usical forms
1	Baroque		1	Minimalism			Binary
2	Composers		2	Composers		1	-
3	Baroque Instruments		3	Syncopation		2	Ternary
4	Terraced Dynamics		4	Cross Rhythms		3	Rondo
5	Basso Continuo		5	Diatonic Harmony			Key Vocab
	Harpsichord		╢──	Phase			usical elements
6	narpsiciloru		6			1	Melody
			7	Sampling		2	Chords
	Classical Perio	d	8	Loops		3	Broken
1	Classical		⅃∟				chords
2	Composers		4	. Compositional Techniques		4	Ostinato
3	Classical Instruments		1	Imitation		5	Pitch
4	Homophonic Accompanimer	nt	2	Canon		6	Dynamics
	Alberti Bass		┥┝			7	Texture
5			3	Ornamentation		8	Timing
						ŏ	

Other musical styles linked to this: Romantic, Modern, Renaissance

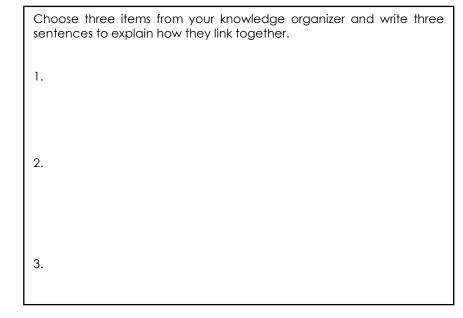


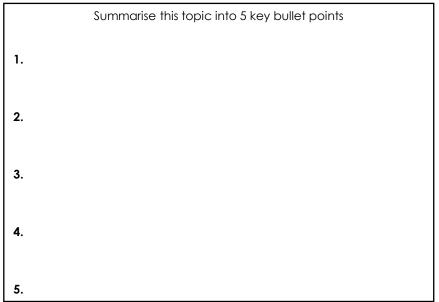
3. Map It

Use the space on the next page to create a mind-map or diagram to illustrate the knowledge from this topic.



2. Link It







0_		ibject: Computing	Topic:	Python Program	ning		Year Group: 9	enjoy lean
cfoc Pro	ogramming basi	cs	D	ata Types		Ke	y Vocabulary	
Ι	Algorithm	sequence of steps taken to complete a task	0	Integer	An integer is a whole number (not a fraction) it is	Ι	Programming language	An artificial language used to program a computer
2	Storing data	Input data as a variable or a constant and store it.	r	Real/Float	positive, negative, or zero.	2	Statement	A single instruction
3	Processing	Programs manipulate data with logical processes		Real/110at	point dividing the integer and fractional parts.	3	Machine code	A programming language the computer understands
4	Printing Dat		3	Boolean	has wo possible values: true or false (yes or no)	4	Calculation symbols	+ Addition - Subtraction
Pro	ogramming Cor	· ·	4	Character	any letter, number or symbol on a computer.	5	Types of	Multiplication / Real 5/2=2.5
I	Sequence	A set of logical steps carried out in order.	5	String	a sequence of characters, a constant or a variable.		Division	// Integer 5//2=2% Remainder 5%2=1
2	Selection	where a decision is made programming using IF ELI		Program Coding		6	Comparison IF or WHILE	== ls equal to != Not equal to
		ELSE statements.		Comment	annotation in the code of a computer program			Greater thanLess than
3	Count controlled Iteration	repeatedly executes a section of code a fixed number of times FOR	2	Indentation	denotes code within the loop that is repeated.	7	Variable	A named storage location which contains a value.
4	Condition	repeatedly executes a section of code until a	3	Nesting	a programming construct is included within another.	8	Constant	A value that cannot be altered by the program
	controlled iteration	condition is met - or no longer met WHILE	4	Program	Step-by-step instructions a computer follows in order	9	Len	during normal execution Characters in a string

0_	1	Subject: Computing	Topic: P	ython Programming			Year Group: 9	enjoy Jearr
cfoc Pro	ot ogramming ba	asics	Dat	ta Types	K	Key	/Vocabulary	
I	Algorithm		I	Integer	· · · · · · · · · · · · · · · · · · ·	I	Programming language	
2	Storing da	ita	2	Real/Float	2	2	Statement	
3	Processing	g	3	Boolean	3	3	Machine code	
4	Printing D	ata	4	Character		4	Calculation symbols	
Pro	ogramming C	onstructs						
Ι	Sequence		5	String	5	5	Types of Division	
2	Selection		Pro	gram Coding	6	6	Comparison	
			Ι	Comment			IF or WHILE	
3	Count controlled Iteration		2	Indentation		7	Variable	
4	Condition		3	Nesting	8	В	Constant	
	iteration		4	Program	9	9	Len	



Year Group: 9

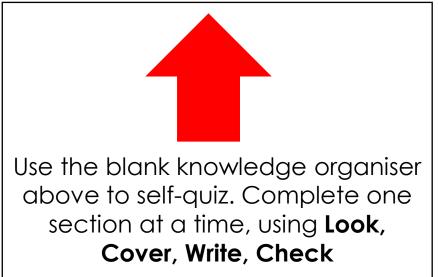


Key Vocabula	ary	Network pro	tocols and Security	Networks	Networks		
Network	a set of computers connected together for the purposes of communication and sharing resources	Connection	Ethernet for copper cables. WiFi wireless networking technologies uses the Internet protocol suite to	Types	Personal Area Network (PAN) Local Area Network (LAN) Wide Area Network (WAN)		
Network Advantages	Sharing devices such as printers saves money. Site (software) licences are likely to be cheaper	Protocol	communicate between networks and devices	Connection	Wired (Cables can be copper or fibre optic) Wireless (radiowaves)		
	than buying several standalone licences. Ø Files can easily be shared between users. Ø Network users can communicate by email and instant	World wide web (www.)	Hypertext Transfer Protocol. HTTP(S) is the protocol used to transfer data over the web.	Addresses	MAC address on all devices IP address to join internet		
	messenger. Ø Security is good - users cannot see other users' files unlike on stand-alone machines. Ø Data is easy to backup as all the data is stored on the file server.	Email Network Security	SMTP simple mail transfer IMAP internet message access Authentication, encryption, firewall, MAC address filtering	Bus Topology	Network		
Network Purchasing the network cabling and file servers Disadvantages can be expensive. I Managing a large network is complicated, requires training and a network manager usually needs to be employed. If the file server breaks down the files on the file server become inaccessible. Email might still		Cyber Securi Purpose of cyber security	•	less cable th temporary n If there is a p	I II ◊ Easy to add extra workstations ◊ Uses an a Star network ◊ Best choice for etworks problem with the central cable, the entire ps working ◊ If there are a lot of		
	work if it is on a separate server. The computers can still be used but are isolated. Viruses can spread to other computers throughout a computer network. There is a danger of hacking, particularly with wide area networks. Security procedures are needed to	Cyber security threats	Social engineering, Malicious software, weak and default passwords, misconfigured access rights, removable media, outdated software	workstation Data collisio busy ◊ Low s the data in t	s on the network, data can travel slowly. ns can happen as the network becomes security - every workstation can see all of he network ◊ Limited cable length and a umber of workstations		
Network protocol	prevent such abuse, eg a firewall. is a program that follows rules that define communication between two or more devices in a network.	Social engineering Malicious software	Blagging, phishing, pharming, shouldering (or shoulder surfing) Describe the following; virus, Trojan, spyware, adware, ransomware	Star Topology			
Internet	is the global system of interconnected computer networks	Detect and p Understand	revent CS threats Biometric measures (esp for mobile	• •	ks are very reliable. If one connection fails, ffect other users ◊ Very few data collisions		
Cyber Security	is the technology, and controls to protect networks, programs, devices and data from cyber attacks	and explain Security measures	devices) Password systems, CAPTCHA (or similar)	Good securit	kstation has its own cable to the server ◊ ty - no workstation can interact with nout going through the server first		
Social engineering	malicious activities to trick users into making security mistakes or giving away sensitive information.		Email confirmation to confirm users identitity, Automatic software updates	the amount	pensive network layout to install because (of cables needed ◊ Installing the network Is experts to set it up ◊ Extra hardware suc		
Malware	Malicious software written to harm or affect a computer.	Protect from threats	Social engineering Malware	as hubs and crashes or st	switches may be needed ◊ If the server ops working then nobody will be able to files or use the network.		



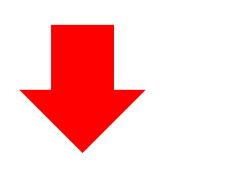


ey Vocabulary	Network protocols and Security	Networks
etwork	Connection	Types
	Internet	
etwork	Protocol	Connection
dvantages		
	World wide	Addresses
	web (www.)	
	Email	Topologies
		Bus
	Network	Topology
	Security	
etwork isadvantages	Cyber Security CS	
Isauvantages	Purpose of	
	cyber	
	security	
	Cyber	
	security	
	threats	
	Social	Star
etwork	engineering	Topology
rotocol	Malicious	lobology
	software	
ternet	Detect and prevent CS threats	
	Understand	
yber	and explain	
ecurity	Security	
	measures	
ocial		
ngineering		
1alware	Protect from	
naiware	threats	
	uncats	

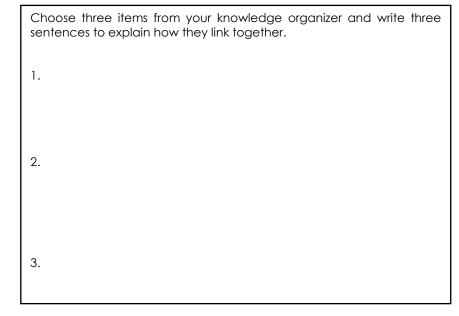


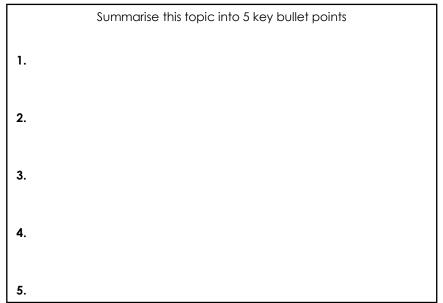
3. Map It

Use the space on the next page to create a mind-map or diagram to illustrate the knowledge from this topic.



2. Link It







Communication Page

			Date
			То
			From
			Message
			Please sign to acknowledge