	Subject :	Computer Science	Year Group:	13
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	June to July	September to October	October to Christmas	Christmas to February	February to Easter	Easter to Exam
Scheme title	Data Structures ( Queue, Stack, Graph Tree, Hash Table, Dictionary, Vector)		Proagramming Paradigms (Procedural, OOP)	Regular Languages, BNF, Classification of Algorithms, Turing Machines	Preliminary Material (Zig Zag)	Revision
Purpose of scheme	SOW being updated	SOW being updated	SOW being updated	SOW being updated	SOW being updated	SOW being updated
Knowledge in sequence	SOW being updated	SOW being updated	SOW being updated	SOW being updated	SOW being updated	SOW being updated
Skills	SOW being updated	SOW being updated	SOW being updated	SOW being updated	SOW being updated	SOW being updated
	Hash Table. Packet, Router, Gateway,	Order, Reverse Polish Notation, Linear Search, Binary Search, Bubble Sort, Merge Sort, Dijkstra's shortest path algorithm. TCP/IP, Protocol, FTP, HTTP, HTTPS, FTP, POP, SMTP, SSH, Subnet, DHCP, NAT, Port Forwarding, CRUD, JSON, XML.	Paradigm, Object Oriented Programming, class, object, instantiation, encapsulation, inheritance, aggregation, composition, polymorphism, overriding, Class Diagram, attribute, primary key, composite primary key, foreign key, SQL.	Backus-Naur Form (BNF)/syntax diagrams, constant time, logarithmic	Functional Programming, First Class Object, Function Application, Partial Function Application, Composite Function, Map, Filter, Fold, Reduce, List Processing, Head, Tail.	SOW being updated
End Point	SOW being updated	SOW being updated	SOW being updated	SOW being updated	SOW being updated	SOW being updated
Assessment method	SOW being updated	SOW being updated	SOW being updated	SOW being updated	SOW being updated	SOW being updated