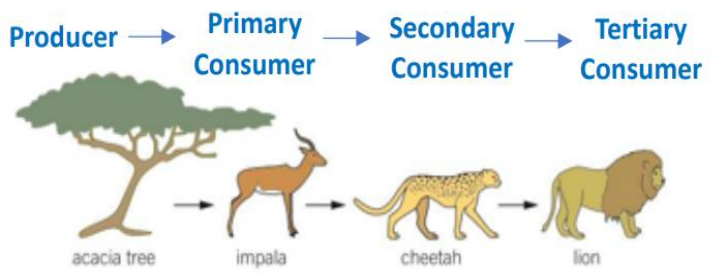


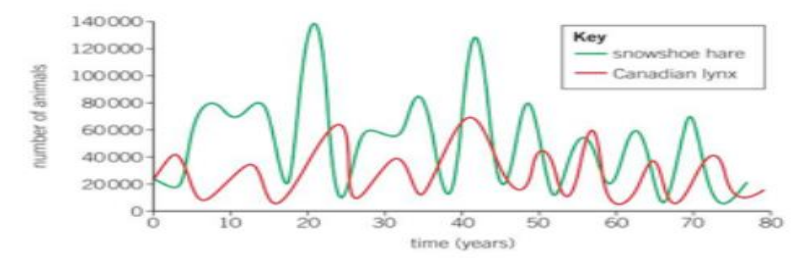
### Food Chain and Food webs

Energy is transferred along the food chain. Some energy are transferred to waste energy (heat, sound etc.) Therefore less energy is transferred to the organism in the level above.



### Competition

1	Hare – Prey Lynx - Predator
2	Hare population increases → Lynx survive longer, more to eat, reproduce more
3	Lynx population increase → eat more preys → Hare population decrease
4	Eventually, not enough food for lynx → population drop.
5	Less lynx feeding on the hare → hare population increase and the cycle starts again.



### Key Vocabulary

1	Food web	Shows how food chains in an ecosystem are linked.
2	Food Chain	Part of a food web, starting with a producer, ending with a top predator.
3	Ecosystem	The living things in a given area and their non-living environment.
4	Environment	The surrounding air, water and soil when an organism lives.
5	Population	Group of the same species living in an area.
6	Consumer	Animal that eats other animals or plants.
7	Decomposer	Organism that breaks down dead plant and animal material so nutrients can be recycled back to the soil or water.

### Disruption to a food chain

1	<b>Interdependence</b>	Is the way in which living organisms rely on each other to survive
2	<b>Consumer</b>	If the consumer population die out the number of organisms which they eat will increase unless they are eaten by another organism
3	Bioaccumulation	Is the process by which chemicals such as pesticides and insecticides build up along a food chain

### Parts of a flower

1	Male Part of the flower <b>Stamen</b>	Female part of the flower <b>Carpel</b>
2	<b>Anther</b> produces pollen	<b>Stigma</b> is sticky to catch grains of pollen
3	<b>Filament</b> holds up the anther	<b>Style</b> holds up the stigma
4		Ovary contains ovules

### Pollination is the fertilization of the ovule.

	Cross pollination	Is between two different types of plant.
	Self pollination	Happens within the same plant.

### Germination is the process in which the seed begins to grow, for this to occur the seed needs.

1	Water	To allow the seed to swell and grow and for the embryo to start growing.
2	Oxygen	For that the cell can start respiring to release energy for germination .
3	Warmth	To allow the chemical reactions to start to occur within the seed.

