

Key Stage 3 Precise Learning Points



Unit Number	B2
Unit Title	Ecosystems
Chapter	Food chains & Food webs

Key Scientific Points

1. Food chains show what an organism eats, and transfer of energy (along) from producer to consumer to predator.
2. prey are organisms, eaten by another organism.
3. predators are organisms that eat other animals.
4. Energy is lost at each level of the food chain due to respiration, movement, uneaten food, excreted waste, etc.
5. A food web is a set of linked food chains; showing interconnections between food chains.
6. Organisms in a food web depend on each other to survive – this is called **interdependence**
7. Organisms are interdependent – e.g. plants needed by animals for food, animals disperse seeds in excrement, predator-prey relationships.
8. Population changes affect other levels in the food chain/web (e.g. through disease can have multiple impacts due to food webs).