

Year 7 Science

Learning Programme 4

Reading texts that pupils will study during the learning programme

Loric for LP4 is Initiative

The values we are learning about are integrity and gratitude	Week 1: Food Chains, Week 3: Interdependence, Week 5: Predator and prey populations
Integrity - Being honest and having strong moral principles	
Gratitude- the quality of being thankful and showing appreciation	
<p>What will I be learning about in this Learning Programme?</p> <p>Students will learn about the structure of ecosystems and their importance. Students will study predator-prey relationships and the pollination of plants. Students will also learn about the gas exchange system in humans.</p> <p>Where have I seen this learning before?</p> <p>Students have studied ecosystems at KS2, looking at food chains.</p> <p>What could I use it for?</p> <p>Those interested in ecology, sustainability and stewardship of the Earth.</p>	

In LP4.1, I will know :	10/03/2025 - (WK 2)	Behaviour to support the values: STEPS/SLANT	Homework
what food chains are, how to create food chains and show energy transfer; how to interpret a food web		I will show integrity by expressing gratitude to others.	Homework tasks are located in the Knowledge Organisers
In LP4.2, I will know :	17/03/2025 - (WK 1)	Behaviour to support the values: STEPS/SLANT	Homework
the factors that affect food webs how to compare food chains with food webs the factors that affect the population of species		I will show gratitude by showing my appreciation when someone does something nice.	Homework tasks are located in the Knowledge Organisers
In LP4.3, I will know :	24/03/2025 - (WK 2)	Behaviour to support the values: STEPS/SLANT	Homework
how toxic materials can accumulate in a food web and the effect on different populations what is meant by ecosystem, community, habitat, environment and niche the resources that plants and animals compete for		I will show integrity by taking responsibility for my actions whether they be good or bad.	Homework tasks are located in the Knowledge Organisers
Extended Task			
In LP4.4, I will know :	31/03/2025 - (WK 1)	Behaviour to support the values: STEPS/SLANT	Homework
the interaction between predator and prey populations where a plant's reproductive system is found; methods of pollination		I will show gratitude by completing a random act of kindness.	Homework tasks are located in the Knowledge Organisers
In LP4.5, I will know :	21/04/2025 - (WK 2)	Behaviour to support the values: STEPS/SLANT	Homework
the structures of a flower and link their structure to their function what seeds and fruits are what is meant by fertilisation		I will show integrity by being reliable and trustworthy.	Homework tasks are located in the Knowledge Organisers
In LP4.6, I will know :	28/04/2025 - (WK 1)	Behaviour to support the values: STEPS/SLANT	Homework
the process of fertilisation and germination how seeds can be dispersed the process of inhaling and exhaling		I will show gratitude by being respectful.	Homework tasks are located in the Knowledge Organisers
Extended Task			
In LP4.7, I will know :	05/05/2025 - (WK 2)	Behaviour to support the values: STEPS/SLANT	Homework
how exercise, smoking and asthma affect the gas exchange system		I will show integrity by showing patience and flexibility when obstacles get in the	Homework tasks are located in the Knowledge Organisers

Resources to support learning:

Kerboodle, SENACA BBC Bitesize

FFET Award Challenge for this Learning Programme:

Create your own food chain that can be found in your garden. Label the producers and consumers.

