

Year 8 Science Learning Programme 2

Vocabulary to be taught using the frayer model

Loric for LP1 is Organisation

The values we are learning about are compassion and honesty

Compassion - sympathy and concern for the suffering or misfortunes of others

Honesty - being truthful and refraining from cheating or lying

What will I be learning about in this Learning Programme?

During this learning programme you will learn about the states of matter and the organisation of the human body.

Where have I seen this learning before?

During Y7, students will be familiar with what constitutes a healthy diet and lifestyle. Students would also have had an introduction to food groups and the role of digestion.

What could I use it for?

Food tests LP1 Y10. The Periodic Table LP2 Y10.

Atom, Ion, Displacement reaction, Digestion, Enzyme, Absorption, Balanced diet.

In LP2.1, I will know :	20/10/25 - (WK 2)	Behaviour to support the values: STEPS/SLANT	Homework
how to describe the components of a healthy diet; how to test for carbohydrates and starch. - IGNITION; how to test for proteins and lipids.		I will show honesty by accepting the consequences for my mistakes.	Homework tasks are located in the Knowledge Organisers
In LP2.2, I will know :	03/11/25 - (WK 1)	Behaviour to support the values: STEPS/SLANT	Homework
how the effects of an unhealthy diet on the body; how the organs involved with the digestive system; how the role of enzymes in the digestive system.		I will show compassion by giving encouragement to others.	Homework tasks are located in the Knowledge Organisers
LP2 RLW, I will:	10/11/25 - (WK 2)	Behaviour to support the values: STEPS/SLANT	Homework
review my learning, recalling and applying key knowledge, focus on closing any gaps in my knowledge and prepare effectively for the upcoming assessments.			
In LP2.3, I will know :	17/11/25 - (WK 1)	Behaviour to support the values: STEPS/SLANT	Homework
how enzymes are able to breakdown food; how temperature and pH affect enzyme activity; how to investigate the effects of temperature on enzyme activity. Extended Task		I will show honesty by listening to and accepting the views of others.	Homework tasks are located in the Knowledge Organisers
In LP2.4, I will know :	24/11/25 - (WK 2)	Behaviour to support the values: STEPS/SLANT	Homework
how to investigate the effects of pH on enzyme activity; how to complete PRT task for the enzyme practical; how the structure of the atom is arranged.		I will show compassion by asking someone how they are.	Homework tasks are located in the Knowledge Organisers
In LP2.5, I will know :	01/12/25 - (WK 1)	Behaviour to support the values: STEPS/SLANT	Homework
how to understand the periodic table; how the group 1 elements are arranged and their reactivity; how the group 7 elements are arranged and their reactivity.		I will show honesty by telling the truth about things.	Homework tasks are located in the Knowledge Organisers
In LP2.6, I will know :	08/12/25 - (WK 2)	Behaviour to support the values: STEPS/SLANT	Homework
how to plan to carry out a practical investigating group 7 reactivity; how to carry out a practical investigating group 7 elements; how group 0 elements are not arranged due to reactivity. Extended Task		I will show compassion by actively listening and engaging with others.	Homework tasks are located in the Knowledge Organisers
In LP2.7, I will know :	15/12/25 - (WK 1)	Behaviour to support the values: STEPS/SLANT	Homework
how group 0 elements are used in everyday life; how to effectively revise for LP2 Assessment; how to complete PRT from LP2 Assessment.		I will show honesty by being true to myself.	Homework tasks are located in the Knowledge Organisers
Resources to support learning:			
Kerboodle			
FEET Award Challenge for this Learning Programme:			
Make a Leaflet about nutrients and healthy eating.			

PRT Task 1

PRT Task 2