

Year 7 Science

Learning Programme 5

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| The LORIC skill focus for this LP is: COMMUNICATION. The Moral Virtues focus for this LP are: COURAGE and HUMILITY. Courage - Acting with bravery and overcoming fears. Humility - Having a modest view of oneself. | | | Literacy: <ul style="list-style-type: none">Capital letters must be used at the start of sentences and for the first letter of proper nounsFull stops must be used at the end of a sentenceQuestion marks must be used at the end of a questionApostrophes should only be used for possession or omissionDays of the week and months must be spelled correctlyKey words must be spelled correctly |
| What will I be learning about in this Learning Programme? Organisms, animals and plants and how different parts of these organisms work together. | | | |
| Where have I seen this learning before? Organisms and organ systems unit in year 7. Structure of plants in KS2. | | | |
| What could I use it for? Understanding how our bodies and the world around us works. How different organisms co-exist in similar environments. Will aid further study at GCSE. | | | |
| In LP5.1, I will know: | 12/05/25 - (WK 1) | Key Vocabulary | Homework |
| how the skeletal and muscle systems in humans work together; how to explain the links between the skeletal and muscular systems within humans; how the circulatory system within humans provides oxygen to cells; how to explain the importance of oxygen in the human body and removal of waste. | | Organism | Learn spellings of keywords |
| In LP5.2, I will know: | 19/05/25 - (WK 2) | Key Vocabulary | Homework |
| how the human immune system fights off disease; how to explain the mechanisms of the human immune system: how to balance the required nutrients for a healthy diet; how to explain the use of nutrients within the human body. | | Nutrient | Learn definitions of keywords |
| LP5 RLW, I will: | 02/06/25 - (WK 1) | | |
| review my learning, recalling and applying key knowledge, and focus on closing any gaps in my knowledge. | | | |
| In LP5.3, I will know: | 09/05/25 - (WK 2) | Key Vocabulary | Homework |
| how the human body uses various minerals within our diet; how to explain why the human body required various nutrients; how the human body digests and absorbs nutrients: how to explain the absorbance of nutrients. Extended Task. | | Absorption | Knowledge organiser flipper |
| In LP5.4, I will know: | 16/06/25 - (WK 1) | Key Vocabulary | Homework |
| how to complete a summative assessment: how to response to feedback via a PRT: how plants grow and photosynthesise: how to explain the process of photosynthesis. | | Photosynthesis | Revision task |
| In LP5.5, I will know: | 23/06/25 - (WK 2) | Key Vocabulary | Homework |
| how to construct food chains and food webs: how to explain the relationship between living organisms within a habitat: how to classify living organisms; how to explain the classification of living organisms. | | Classification | 10 core questions |
| In LP5.6, I will know: | 30/06/25 - (WK 1) | Key Vocabulary | Homework |
| how organisms within the same species display variation: how to explain the causes of variation; how to detect various blood problems; how to explain the causes and treatments of various blood problems. Extended Task. | | Species | 10 core questions |
| In LP5.7, I will know: | 07/06/25 - (WK 2) | Key Vocabulary | Homework |
| how to revise for a formative assessment; how to revise for a formative assessment; how to complete a formative assessment; how to respond to assessment feedback. | | Variation | Revision task |
| Resources to support learning: Booklets, BBC bitesize, KS3 revision guide. | | | |
| FFET Award Challenge for this Learning Programme: Create a model of a 4 piece food chain. | | | |

PRT Task 1

PRT Task 2