

Rugby Free Secondary School Curriculum Sequence Overview 2024-25

Key Stage 2 Key Links:

1. Food chains
2. Animal reproduction
3. The structure of plants
4. Pollination
5. How do muscles work
6. The digestive system
7. The skeleton
8. The circulatory system

Year 7 Link to Key Stage 2:

1. 7B1 Cells (KS2 - 6,7,8)
2. 7B2 Ecosystems (KS2 -1,4)
3. 7B3 Hereditary and DNA (KS2 -2)
4. 7B4 Diffusion
5. Human Digestive System (KS2 – 6)
6. Biodiversity (KS2 – 1,3,4)

Year 8 Link to Year 7:

1. 8B1 Variation (7B1,3)
2. 8B2 Reproduction in Humans (7B1,3)
3. 8B3 Diet and Exercise (7B1,5)
4. 8B4 Breathing and Respiration (7B1, 7B5)
5. Plant Nutrition and Photosynthesis (7B1,2,6)
6. Adaptation and Competition (7B2.6)

Year 9 Link to Year 8:

1. C/SB1 – Key Concepts in Biology (KS3 – 7B1, 8B1)
2. C/SB2 – Cells and Control (KS3 – 7B1)
3. C/SB3 – Genetics (KS3 – 7B3, 7B4, 8B9)

Year 10 Link to Year 9:

1. C/SB4 - Natural Selection and Genetic Modification (KS3 7B4, 8B4, KS4 CB3)
2. C/SB5 – Health, disease and the Development of Drugs (KS3 8B1, 8B4, CB1,2)
3. C/SB8 – Exchange and Transport (KS3 7B1, 8B1, CB1, CB2)
4. C/SB7 – Animal Coordination (KS3 – 7B1, 7B2, 8B4, CB1, CB2, CB3)

Year 11 Link to Year 10:

1. C/SB6 – Plant Structure and Function (KS3 7B2, 8B3, CB1, CB2, CB3)
2. C/SB9 – Ecosystems and Material Cycles (KS3 7B3, 8B3, CB1, CB4)

Year 12 Link to Year 11:

1. Unit 1 Biological Molecules (CB1, CB4, CB6)
2. Unit 2 Cells (CB1, CB2, CB6)
3. Unit 3 Organisms exchange substances with their Environment (CB1, CB8)
4. Unit 4 Genetic Information, Variation and Relationships between Organisms (CB1, CB2, CB3, CB6)

Year 13 Link to Year 12:

1. Unit 5 Energy Transfers in and Between Organisms (CB1, CB8, CB9,)
2. Unit 6 Organisms Respond to Changes in their Internal and External Environment (CB1, CB7)
3. Unit 7 Genetics, Populations, Evolution and Ecosystems (CB3, CB9)
4. The Control of Gene Expression (CB3, CB4)