

Calendar	Topic	Assessment	Sequencing and Coherence <i>concepts - themes - skills</i>	Literacy <i>reading - vocabulary - oracy - writing</i>
Autumn Half Term 1	<p>B5 Communicable Disease: Health and disease, pathogens and disease, growing bacteria in the lab, preventing bacterial growth, preventing infections, viral diseases, bacterial diseases, diseases caused by fungi and protists, human defence responses, plant disease and plant defence responses.</p> <p>B6 Preventing and Treating Disease: Vaccination, antibiotics and painkillers, discovering drugs and drug development, making monoclonal antibodies, uses of monoclonal antibodies.</p>	<p>B5 End of topic test GCSE style questions FT and HT, working scientifically and synoptic content from B1-B4. Teacher marked, feedback though model answer mark scheme and follow up exam style questions on areas of weakness – personalised.</p> <p>B6 Online quiz set on Educake – instantly marked and direct question feedback through Educake.</p> <p>B6 End of topic test GCSE style questions FT and HT, working scientifically and synoptic content from B1-B5. Teacher marked, feedback though model answer mark scheme and follow up exam style questions on areas of weakness – personalised.</p>	.	<p>Include details of challenging texts and reading strategies, keyword glossary sheets, oracy opportunities and key disciplinary writing tasks.</p> <p>Explaining why diseases are categorised as communicable and non-communicable</p> <p>Practice saying key terms out loud</p> <p>Extended writing</p>
Autumn Half Term 2	B7 Non-Communicable Disease: Non-communicable disease, cancer, smoking, diet, exercise and disease, alcohol and other carcinogens.	B7 End of topic test GCSE style questions FT and HT, working scientifically and synoptic content from B1-B6. Teacher marked, feedback though model answer mark scheme and follow up exam style questions on areas of weakness – personalised.		

Spring Half Term 3	B8 Photosynthesis: Photosynthesis and rate of, how plants use glucose, optimising photosynthesis.	B8 Online test set on Educake – instantly marked and direct question feedback through Educake. B8 End of topic test GCSE style questions FT and HT, working scientifically and synoptic content from B1-B7. Teacher marked, feedback though model answer mark scheme and follow up exam style questions on areas of weakness – personalised.		Debating ideal factors in ultimate greenhouse Extended writing
Spring Half Term 4	B9 Respiration: Aerobic respiration, response to exercise, anaerobic respiration, metabolism and the liver.	B9 Online test set on Educake – instantly marked and direct question feedback through Educake. B9 End of topic test GCSE style questions FT and HT, working scientifically and synoptic content from B1-B8. Teacher marked, feedback though model answer mark scheme and follow up exam style questions on areas of weakness – personalised.		Extended writing
Summer Half Term 5	B10 The Human Nervous System: Homeostasis, structure and function of the nervous system, reflex actions, the brain, the eye, problems of the eye.	B10 End of topic test GCSE style questions FT and HT, working scientifically and synoptic content from B1-B9. Teacher marked, feedback though model answer mark scheme and follow up exam style questions on areas of weakness – personalised.		Verbalising 7 stages of reflex arcs Extended writing
Summer Half Term 6	B11 Hormonal Control in Humans and Plants: Hormonal control, control of blood glucose, treating diabetes, role of negative feedback, human reproduction, hormones and the menstrual cycle, control of fertility, infertility treatments, plant hormones and responses, using plant hormones.	B11 End of topic test GCSE style questions FT and HT, working scientifically and synoptic content from B1-B10. Teacher marked, feedback though model answer mark scheme and follow up exam style questions on areas of weakness – personalised.		IVF debate Extended writing