

Unit	Summary	Skills	Assessment	British Values and SMSC	Career links	Cross-curricular links
B10- Nervous system	Homeostasis introduction, RP reflex actions (Triple- the brain and the eye)	RP- data analysis The eye- dissection and observation	Low stakes testing 'Do Now' tasks 30min End of Unit test Optional Kerboodle Checkpoint quiz & Seneca. Optional homework booklets	Triple- The brain links to methods of learning as a reflection task.	Triple- The brain links to Psychology careers	Links back to B4. Links to Physics- light and lenses
B11- Hormonal control	Blood glucose, menstrual cycle, contraception, Triple- Plant hormone uses, HT <i>only- hormonal control and negative feedback loops.</i>	Analysing graphs Evaluating pro/cons of different contraception methods.	Low stakes testing 'Do Now' tasks 30min End of Unit test Optional Kerboodle Checkpoint quiz & Seneca. Optional homework booklets	Discussions around the effectiveness of contraception- not covering beliefs and values.	Brief link to family planning services and careers.	PSHRE- Contraception/menstrual cycle. Food technology- diabetes. Links to B1 transport
B12- Triple- Homeostasis in action	Thermoregulation, osmoregulation	Analysing graphs and data	Low stakes testing 'Do Now' tasks 30min End of Unit test Optional Kerboodle Checkpoint quiz & Seneca. Optional homework booklets			PE Links to B4- tissues
B13- Reproduction	Sexual and asexual reproduction, genetic screening, meiosis, DNA genome mapping, basic inheritance.	Comparing concepts, Evaluating pros/cons	Low stakes testing 'Do Now' tasks 30min End of Unit test Optional Kerboodle Checkpoint quiz & Seneca. Optional homework booklets are saved in the SoW folder.	Sensitive discussion and reflections around genetic screening options. Tolerance of others' views Impact of choices on others.	Example of task on genetic screening shows a genetics counsellor and the services they provide.	RE/PSHCE- Genetic screening and ethics Links to B3/B4 Mitosis and tissues
B14- Variation and Evolution	Variation in a group, theories of evolution, selective breeding, genetic engineering (triple- cloning)	Evaluation of evidence	Low stakes testing 'Do Now' tasks 30min End of Unit test Optional Kerboodle Checkpoint quiz & Seneca. Optional homework booklets are saved in the SoW folder.	Discussion and reflection and reflections around the ethics of genetic research and cloning. Reflection on the theory of evolution and the evidence/change in beliefs.	Extension tasks show researchers.	RE- evolution theories Links to B1 cells
B15- Genetics	Extinction and Fossils, Antibiotics, classification (Triple- isolation and speciation)	Evaluation of evidence. Focus on literacy and use of key words in descriptions- important for adaptation/speciation.	Low stakes testing 'Do Now' tasks 30min End of Unit test Optional Kerboodle Checkpoint quiz & Seneca. Optional homework booklets are saved in the SoW folder.	Antibiotics- consequences of actions		Geography- extinction and fossils Links to B1 Cells
B16- Adaptations, interdependence and competition	Communities, biotic and abiotic factors, RP distribution of species, adaptations	RP- collecting and analysing data. Calculating an estimation from sample size. Explaining unfamiliar examples.	Low stakes testing 'Do Now' tasks 30min End of Unit test Optional Kerboodle Checkpoint quiz & Seneca. Optional homework booklets are saved in the SoW folder.	Environmental concerns- consequences of actions	RP task shows ecologist examples.	Geography- changing environment

B17- Organising Ecosystems	Feeding relationships, material cycling, carbon cycle, (triple- decay)	Explaining unfamiliar examples. Analysing data- decay curves Calculating efficiency Representing data to scale on a diagram.	Low stakes testing 'Do Now' tasks 30min End of Unit test Optional Kerboodle Checkpoint quiz & Seneca. Optional homework booklets are saved in the SoW folder.	Environmental concerns- consequences of actions		Geography- changing environment Links to B8 and B9 (photosynthesis and respiration)
B18- Biodiversity and Ecosystems	Global warming, deforestation, biodiversity, waste management, land use (triple- trophic level pyramids)	Explaining unfamiliar examples.	Low stakes testing 'Do Now' tasks 30min End of Unit test Optional Kerboodle Checkpoint quiz & Seneca. Optional homework booklets are saved in the SoW folder.	Environmental concerns- consequences of actions	Biodiversity topic shows ecologists and action groups.	Geography- changing environment. Food technology- food poverty.