

Key Stage 3 Science Assessments for Reports

Note that assessments and order of topics can be subject to change during the year. Pupils will be updated with any changes.

Assessments for termly reports – The topics from each term below will be tested using exam style questions, which may include multiple choice questions, written answers, extended writing and numeracy.

	Year 7	Year 8	Year 9 (from 2020-21)
Autumn	1. Forces – speed and gravity 2. Electromagnetism – voltage, resistance and current 3. Energy – energy costs and transfer	1. Forces – contact forces and pressure 2. Electromagnetism – magnetism and electromagnetism 3. Energy – work, heating and cooling	1. Forces – forces in space 2. Matter – elements, mixture and compounds and the Periodic Table 3. Organisms – cells and microbiology
Spring	4. Waves – sound and light 5. Matter – particle model and separating mixtures 6. Reactions – metals, non-metals, acids and alkalis	4. Waves – wave effects and wave properties 5. Matter – Periodic Table and elements 6. Reactions – chemical energy and types of reactions	4. Electricity – circuits, components and The National Grid 5. Reactions – rates of reactions and reversible reactions 6. Genes – health and drugs
Summer	7. Earth – Earth structure and the Universe 8. Organisms – movement and cells 9. Ecosystems – interdependence and plant reproduction	7. Earth – climate and Earth resources 8. Organisms – breathing and digestion 9. Ecosystems – respiration and photosynthesis	7. Energy – energy stores, transfers and energy resources 8. Earth – the atmosphere 9. Ecosystems – plant biology
End of Year	Topics 1 to 9 (10. Genes – Reproduction will be taught after the exam)	10. Genes – evolution and inheritance All topics (including Year 7)	Topics 1 to 9 (10. Waves – transmissions through space will be taught after the exam)

Supporting revision at home

Pupils will have a knowledge organiser for each topic to support their revision.

Educake.co.uk can be used for all pupils to set themselves questions independently to test their knowledge.

BBC Bitesize is an excellent online resource.

There are textbook copies in the library and extra resources on Moodle as well (including copies of the knowledge organisers).