

LONG TERM PLANS

Year Overview

Science Faculty

YEAR 7

Autumn term

The autumn term assessment will take place in the fortnight before the Christmas Holidays and will cover:

Cells, Structures and Body Systems Observing cells Plant, animal and specialised cells Movement of substances Levels of organisation Breathing and gas exchange Movement – skeleton, joints and muscles <i>[End of topic test, Literacy and Numeracy task]</i>	Atoms, Elements, Compounds, Particles and Behaviour Particle model and states of matter Diffusion and gas pressure Atoms, elements and compounds Chemical formulae <i>[End of topic test, Literacy and Numeracy task]</i>	Light and Sound Waves Sound (loudness & pitch, echoes & ultrasound) Light (reflection, refraction, the eye & the camera) <i>[End of topic test, Literacy and Numeracy task]</i>
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Spring term

The spring term assessment will take place in the fortnight before the Easter Holidays and will cover:

Reproduction Adolescence Reproductive systems Fertilisation, implantation and development Menstrual cycle Flowers, pollination and germination <i>[End of topic test, Literacy and Numeracy task]</i>	Reactions Chemical reactions Word equations Burning fuels and thermal decomposition Conservation of mass Exothermic and endothermic <i>[End of topic test, Literacy and Numeracy task]</i>	Forces Stretching and squashing Drag forces and friction Balanced and unbalanced forces <i>[End of topic test, Literacy and Numeracy task]</i>
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Summer term

The End of Year Assessment will take place towards the end of May and will cover:

Acids and Alkalis Acids and alkalis Indicators and pH Neutralisation Making salts <i>[End of topic test, Literacy and Numeracy task]</i>	Space Stars The Solar System The Earth The Moon <i>[End of topic test, Literacy and Numeracy task]</i>	Intervention and Enrichment
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