



Guide to Year 7 Science

Assessment Criteria

Every half term students are assessed using GCSE grading system, to prepare them for progression into KS4. Each assessment is marked using these criteria. Students are following KS3 Activate programme, which is divided in to specific Biology, Chemistry or Physics topics.

Expectations of Students			
Students are expected to come equipped with appropriate stationary. They also need to read their teachers comments in their books and act on the feedback given. Students are expected to complete their progress tracking in the front of their books after every assessment. These assessments will take place before the end of each half term.			
Year 7	Topic Title and unit	What students will be learning	How you can specifically help your child
HT1	B1.1 Cells C1.1 Particles and their behaviour	<ul style="list-style-type: none"> • Observing cells. • Plant and animal cells. • Movement in and out of cells. • Particle model. • States of matter. • Changes of state. • Diffusion. 	Assist with homework. Encourage your son or daughter to use KS3 BBC Bitesize.
HT2	Forces P1.1 B1.2 Body Systems	<ul style="list-style-type: none"> • Intro to forces. • Drag and friction. • Balanced and unbalanced forces. • Levels of organisation. • Gas exchange and breathing • Skeleton • Movement. 	Assist with homework. Encourage your son or daughter to use KS3 BBC Bitesize.
HT3	C1.2 Elements, Atoms and Compounds. P1.2 Sound B1.3 Reproduction	<ul style="list-style-type: none"> • Elements. • Atoms. • Compounds. • Chemical formulae. • Waves. • Loudness and Pitch. • Detecting sound. • Echos and ultrasound. • Adolescence • Reproductive systems. • Fertilisation and implantation. • Menstrual cycle. • Flowers, pollination and germination. • Seed dispersal. 	Assist with homework. Encourage your son or daughter to use KS3 BBC Bitesize.
HT4	C1.3 Reactions P1.3 Light	<ul style="list-style-type: none"> • Chemical and Word equations. • Burning fuels. • Thermal decomposition. • Endothermic and Exothermic • Conservation of mass. 	Assist with homework. Encourage your son or daughter to use KS3 BBC Bitesize.



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HT5	C1.4 Acids and Alkalis. P1.4 Space	<ul style="list-style-type: none">• Indicators and pH.• Neutralisation.• Making Salts. • Night sky.• Solar system.• Earth and moon.	Assist with homework. Encourage your son or daughter to use KS3 BBC Bitesize.
HT6	Revision and EOY Test	<ul style="list-style-type: none">• Structured revision of topics covered in year 7.	Assist with homework. Encourage your son or daughter to use KS3 BBC Bitesize.

Key dates and what students will be doing:

Students will sit a Summative Assessment in the penultimate week of each half term. This will be based on the topics covered in the half term. Projects will also be included each term.

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