

Assessment – year 8

We have many opportunities for assessment throughout key stage 3. Your Child's teacher will be consistently questioning and challenging them during lessons and providing on the spot verbal feedback to develop their understanding and skills.

Home Learning Tasks (HLT's)

Every term, your son/daughter will be given three pieces of homework. These take the place of small pieces of homework and are intended to take 2-3 hours each. Students are usually given approximately 2 weeks to complete each task. Each task comes with a level ladder, so that students know exactly what they have to do to reach their target grade and beyond.

Their teacher will mark the task and your son/daughter will receive a KS3 level and personalised, written feedback which can be used to improve the following task. Levels will be recorded and used as evidence towards setting. All HLT's are available for download on the website.

Synoptic end of term tests

At the end of each term, your child will be given a standardised test, which will test their understanding of all of the key concepts covered. Tests will be carried out in the classroom under exam conditions. Your son/daughter will be given a level and personalised written feedback from their teacher.

How you can support your child at home

Research suggests that students who have lots of support at home, do better in school. You can support your child, by encouraging them to spend an adequate amount of time on each task and helping them to use the level ladder to check their work and improve it. Homework is best done in a quiet, distraction free environment.

Your Child will be informed by their class teacher about a week before the end of term test, but as a rule of thumb it is usually done in the penultimate week of term. You can support your child by helping them to use the relevant pages of the revision guide, which is issued through the library free of charge; ask them questions and allow them to explain what they understand and encourage them to access the pre-approved website links in this document. You can also help them to make mind maps, flash cards or a key word glossary.

A list of all the home learning tasks, along with approved sources of information can be found below.

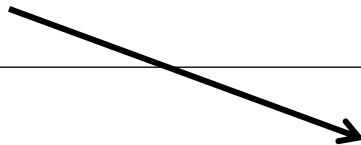
Autumn term - List of Home Learning Tasks

Task	Brief overview	Approved sources of information
Cells	Students interpret scientific data in order to determine if dextran is better for you than salt. They must also consider other peoples points of view.	Revision guide pages 4-5
Reactions with oxygen	Students must apply their understanding of chemical reactions in order to create a poster about exothermic reactions and fuels	Revision guide pages 42 - 43
Energy	<ol style="list-style-type: none"> 1. Students create a storyboard to show how oil is formed and explain why it is considered to be a non-renewable fuel 2. Students add to their storyboard to explain the energy transfers in the different stages of turning sunlight into fuel for your car 	Revision guide page 43 energy transfer How is oil formed helpful youtube clip

See below for end of term test approved resources

Summer end of term exam: revision support sheet

For e-chalk games go to www.echalk.co.uk. Type in username (Wadebridge) and password (echalk). On the left hand menu click on "science". Use the info in the echalk games boxes, to navigate to the correct games.



Topic	Revision Guide Pages	BBC Bitesize reference	Interactive Activity	Quiz	e-chalk games
Cells	4-5	bitesize cells skool cells	interactive cells	quiz cells	Go to " Biology " Plant and animal cells
Photosynthesis	18-19	bitesize photosynthesis photosynthesis video	interactive photosynthesis skool photosynthesis	photosynthesis quiz	Go to " Biology " The photosynthesis equation (only word equation needed at this stage) Photosynthesis: bounce quiz
Respiration	10	bitesize respiration video respiration	skool photosynthesis and respiration		Go to " Biology " Photosynthesis and respiration The photosynthesis equation (only word equation needed at this stage) Photosynthesis: bounce quiz

Balanced diet and Digestion	7-9	bitesize nutrition bitesize poor diet bitesize digestion bitesize enzymes bitesize absorption and egestion	interactive diet healthy food matching pairs skool balanced diets skool food tests	quiz diet	Go to "Biology" The digestive system The digestive system: bounce words quiz
Exercise		benefits of exercise	types of exercise	exercise quiz	
Chemical reactions and Fuels	42-43	bitesize particle model bitesize atoms bitesize compounds and mixtures	interactive particle model interactive atoms interactive compounds and mixtures	quiz atoms quiz compounds and mixtures	Go to "Chemistry" Elements, compounds and mixtures Identifying elements, compounds and mixtures The elements names and symbols Periodic table Periodic table game

Renewable resources and sustainability	71	what is zero waste?	interactive renewables interactive pros and cons interactive global warming sustainability game	energy wordsearch	
Energy transfers	70 and 75	bitesize energy transfers and storage what is energy?	interactive energy transfers and storage energy matching pairs game	energy transfer and storage quiz	Go to "Physics" Energy transfer: bounce quiz
Refraction and Dispersion of light	63		Skooool refraction		Go to "Physics" refraction