



Independent Learning: Key Assessment
Homework Tasks ~ Year 7
Subject: Science

At Key Stage 3 topics covering Biology, Chemistry and Physics are taught on a rota basis. 'How Science Works' runs through all areas of the science curriculum and includes 5 Assessment Foci :

AF1 Thinking Scientifically

AF2 Understanding the application and implications of science

AF3 Communicating and collaborating in science

AF4 Using Investigative approaches

AF5 Working critically with evidence

Key Assessment tasks and Key Homework tasks will cover various aspects of all these areas of science. The tasks are set by term but will be based around the topic your child is studying at the time

We use The Ridgeway Version of Exploring Science to deliver The National Curriculum for Science across the whole key stage. Project work on specific topics is interspersed with the Scheme of Work.

Term 1	<ul style="list-style-type: none">• When set: September Week 2• When collected: October week 2• The Task: To illustrate the Use of Data in Everyday Aspects of our Lives• Independent learning skills developed by this task: Application of knowledge they have learnt in class, research as to where data is used, organisation of data and presentation of data using different media.• Independent learning skills developed by this task: Research, planning, making and organisation• How parents can support task completion at home: Facilitate access to the internet, library, books and magazines. Go through the assessment criteria and key dates for

	<p>completion of parts of the task. Ask your child questions about what they are doing listen to your child as they tell you about the task. Praise your child for the progress they are making whether big or small.</p>
Term 2	<ul style="list-style-type: none"> • When set: November week 1 • When collected: December week 1 • The Task: To design and make a model to explain a Scientific Idea • Independent learning skills developed by this task: Research, planning, making and presentation of the model. • How parents can support task completion at home: Facilitate access to the internet, library, books and magazines. Go through the assessment criteria and key dates for completion of parts of the task. Ask your child questions about what they are doing listen to your child as they tell you about the task. Praise your child for the progress they are making whether big or small.
Term 3	<ul style="list-style-type: none"> • When set: January week 2 • When collected: February week 1 • The Task: How did Scientists find out about electricity? • Independent learning skills developed by this task: research, selection of information linking science and history, bibliography, organisation and presentation of information using different media. • How parents can support task completion at home: Facilitate access to the internet, library, books and magazines. Go through the assessment criteria and key dates for completion of parts of the task. Ask your child questions about what they are doing listen to your child as they tell you about the task. Praise your child for the progress they are making whether big or small.
Term 4	<ul style="list-style-type: none"> • When set: February week 4 • When collected: March week 4 • The Task: Design a practical to show how metals react with acids. • Independent learning skills developed by this task: Selection of appropriate equipment and methods for carrying out the experiment, interpretation of scientific information, evaluation of the techniques used and the use of scientific writing. • How parents can support task completion at home: Facilitate access to the internet, library, books and magazines. Go through the assessment criteria and key dates for completion of parts of the task. Ask your child questions about what they are doing listen to your child as they tell you about the task. Praise your child for the progress they are making whether big or small.
Term 5	<ul style="list-style-type: none"> • When set: April week 1 • When collected: May week 1 • The Task: To produce a Risk Assessment for Taking a group of Year 5 students on an Educational Trip • Independent learning skills developed by this task: research, planning and organisation of information followed by writing a risk assessment for the class and the parents. • How parents can support task completion at home: Facilitate access to the internet, library, books and magazines. Go through the assessment criteria and key dates for completion of parts of the task. Ask your child questions about what they are doing listen to your child as they tell you about the task. Praise your child for the progress they are making whether big or small.
Term 6	<ul style="list-style-type: none"> • When set: June week 1 • When collected: July week 2 • The Task: To identify an aspect of Bristol Zoo and present this aspect in an unusual way

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| | <ul style="list-style-type: none">• Independent learning skills developed by this task: Research, planning, designing, making, and presentation of information.• How parents can support task completion at home: Facilitate access to the internet, library, books and magazines. Go through the assessment criteria and key dates for completion of parts of the task. Ask your child questions about what they are doing listen to your child as they tell you about the task. Praise your child for the progress they are making whether big or small. |
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