

## Y7 Homework – Science

	<b>Task</b>	<b>Virtues used</b>
<b>Half-term 1</b>	<p><b><u>WS:</u></b> Task 1: POP Task Researching 2 scientists Task 2: Revision knowledge organiser</p> <p><b><u>Energy:</u></b> Task 1: POP Task Evaluate the use of fossil fuels and wind turbines Task 2: Revision knowledge organiser</p>	<p>Self-Regulation Confidence Resilience</p> <p>Respect and Responsibility</p>
<b>Half-term 2</b>	<p><b><u>Matter/separation techniques:</u></b> Task 1: POP Task Describe the properties of water in its three states Task 2: Revision knowledge organiser</p> <p><b><u>Ecosystems / plant reproduction:</u></b> Task 1: POP Task Describe the lifecycle of a flowering plant Task 2: Revision knowledge organiser</p>	<p>Self-Regulation Confidence Resilience</p>
<b>Half-term 3</b>	<p><b><u>Organisms 1 / movement:</u></b> Task 1: POP Task Compare the similarities and differences of a plant and an animal cell Task 2: Revision knowledge organiser</p> <p><b><u>Forces 1:</u></b> Task 1: POP Task Describe the motion of the skydiver at each stage of the jump Task 2: Revision knowledge organiser</p>	<p>Self-Regulation Confidence Resilience</p>
<b>Half-term 4</b>	<p><b><u>Reactions 1:</u></b> Task 1: POP Task A bottle containing a coloured liquid has been found in the lab with the label below on it. Help to identify what chemical is in it using your knowledge of acid and alkalis Task 2: Revision knowledge organiser</p> <p><b><u>Electricity 1:</u></b> Task 2: POP Task Explain how current and potential difference behave in different types of circuit Task 2: Revision knowledge organiser</p>	<p>Self-Regulation Confidence Resilience</p>
<b>Half-term 5</b>	<p><b><u>Variation and reproduction 1:</u></b> Task 1: POP Task Describe and explain what happens when a sperm and egg meet to make a baby and reproduction Task 2: Revision knowledge organizer</p>	<p>Resilience Respect and Responsibility Justice and Compassion</p>
<b>Half-term 6</b>	<p>Task 1: Revision for end of year assessment</p>	<p>Self-Regulation Confidence Resilience</p>

Science is taught in specific topics and we aim to complete two topics per half term. However, depending on the pace of each topic and the time it takes to complete a topic, some homework tasks might carry over into the start of the next half term. This will be on a class by class basis.

key homework tasks are aimed at either consolidating the work through POP Tasks (Point of Progress Tasks) or Revision Tasks in preparation for the end of topic tests. Depending on the pace of each topic and the time it takes to complete a topic, some homework tasks might carry over into the start of the next half term. This will be on a class by class basis.

- POP Tasks are research-based tasks that are split up into a series of smaller questions which, when answered, will help pupils to answer the bigger question given at the top of the homework sheet.
- Revision tasks will take the form of a knowledge organizer containing key facts from the topic along with a set of questions to help with revision. Individual teachers may set additional smaller pieces of homework throughout a topic to help learning and understanding.