

## Sir Robert Geffery's Homework Grid: Science and Technology and Time

Areas of Study	Thinking Levels			
	Knowing 1 point	Understanding 2 points	Applying 3 points	Analysing 4 points
<b>Language &amp; Communication</b> - Speaking, listening, literacy, English and other languages	Make a list of 10 famous inventors and what they invented	Make a poster advertising the work of one famous inventor or scientist	Write a fact file about at least five inventors or scientists	From your research, write about a famous scientist or inventor and include how their work impacted on others
<b>Health &amp; Wellbeing</b> - Physical activity, food, Personal/	Write a list of microorganisms used in food production	Make a poster to help prevent the spread of germs	Use yeast to make bread, write the instructions and take a picture of the bread	Research Alexander Fleming and write a diary or article for science magazine showing his great discovery.
<b>ICT</b>	Download scratch and write a simple program	Create a PowerPoint about famous scientists or inventors	Write and refine a more complex program using scratch.	Make your own game using coding and write instructions for others
<b>Science and Technology</b> - Science, DT, Eco issues	Draw and label a simple circuit using the symbols	Create a simple circuit that lights a bulb etc. Draw the circuit	Use Lego or a construction kit to make something that moves or with parts that move. Take a photo and bring into school for exhibition if possible.	Write instructions for others to follow to create your moving object. Share it with others during the exhibition
<b>Creative Arts</b> - Art, Design, Drama, Music, Dance	List the stages of the water cycle	Produce a picture or diagram that illustrates the water cycle	Create a comic strip that demonstrates the water cycle?	Write a song, rap or drama to illustrate the parts of the water cycle, perform and film it
<b>Maths &amp; Problem Solving</b> -  Linked to time that seems to cause concern	Make a poster to show am and pm times and the 24 hour clock equivalents	Learn to tell the time using analogue and digital clocks  Activity sheets are available at school	Work out how old you are in a) Days b) Hours c) Minutes d) Seconds	Use timetables to create a maths worksheet for others to complete to practise time

## SRG Homework Grid:

### GUIDELINES

Complete at least one activity each week. Your aim is to gain **more than 12** points over the half term. You must have **evidence** of **all** the activities you choose. Tick the activity when you have completed it.

### Notes for Parents

Children may complete all of the tasks if they wish, but need to get 12 points by the exhibition

**We have included a page for you to comment on your child's homework. We welcome your feedback on any aspect of the homework. For example you could let us know if your child has enjoyed a particular activity or found any tasks especially easy or difficult. You can write about individual activities or make a comment on the whole half term's work.**

## Parent's Comments Sheet

<u>Activity</u>	<u>Comments</u>