

Beech Class- Homework Grid Term 5

Dear parents and carers of Beech Class,

This term, our topic is **Cracking Contraptions!** The children will be learning about electricity in their science lessons, creating their own inventions in DT and using 'Wallace and Gromit's Cracking Contraption Manual' and 'Until I met Dudley' to inspire some inventive writing.

- Choose **1 task** to complete weekly and record in homework books. This will be showcased during our homework show on a Thursday.
- Daily reading for at least 15 minutes
- Times tables practice (focus this term on 7x, 9x, 12x tables)

<p>I like reading and writing and being creative with words.</p>	<p>Write about how different your life would be without electricity. What would you miss the most?</p>	<p>Write a set of instructions about how to make an invention. This can be your own invention or something which already exists</p>	<p>Create your own robot and then write a detailed character description about it. Can you include alliteration, metaphors and similes in your character description?</p>
<p>I enjoy maths, calculating and using measures and graphs.</p>	<p>Design your own robot using 2D and/or 3D shapes. You need to label the shapes, tell us how many of each shape you have used and describe the properties of at least 3 of those shapes.</p>	<p>Bake! Either follow a favourite recipe or invent your own! Important: Make sure you're involved with the measuring of ingredients!</p>	<p>Select 5 inventions. Can you collect data from friends and family about which is their favourite? This can be in a tally table or a pictogram.</p>
<p>I like researching and finding things out.</p>	<p>Find and research an invention or discovery by a scientist!</p>	<p>Research the history of electricity and create a timeline or fact file about your research.</p>	<p>Make a list of as many electrical items you can find in your home as you can. Can you sort them into different categories?</p>
<p>I like to be creative with art, craft and drawing.</p>	<p>Create an artwork about electricity! What will you name your artwork?</p>	<p>Draw a complete circuit using the correct symbols.</p>	<p>Invent your own drawing/painting contraption! Can it work without a human controlling it? You could use string, weights, wheels to move pen or paint across the paper.</p>