

## 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)

<b>I like reading and writing and being creative with words.</b>	Write about how different your life would be without electricity. What would you miss the most?	Write a set of instructions about how to make an invention. This can be your own invention or something which already exists	Create your own robot and then write a detailed character description about it. Can you include alliteration, metaphors and similes in your character description?
<b>I enjoy maths, calculating and using measures and graphs.</b>	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.	Bake! Either follow a favourite recipe or invent your own! Important: Make sure you're involved with the measuring of ingredients!	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.
<b>I like researching and finding things out.</b>	Find and research an invention or discovery by a scientist!	Research the history of electricity and create a timeline or fact file about your research.	Make a list of as many electrical items you can find in your home as you can. Can you sort them into different categories?
<b>I like to be creative with art, craft and drawing.</b>	Create an artwork about electricity! What will you name your artwork?	Draw a complete circuit using the correct symbols.	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.