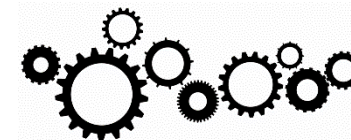




**Courtney Primary - Who are super scientists and ingenious inventors?**  
**Term 5 – Year 4 – Mr Thomas & Miss Joseph**  
 Headteacher: Mrs Deborah Wood B.A Hons. N.P.Q.H



**What is this topic sheet for?**

This sheet shows you the topics your child is covering this term and gives you ideas and ways you can help your child at home. The library is always a good starting point and the internet has many great sites. If you visit [www.courtneyprimaryschool.co.uk](http://www.courtneyprimaryschool.co.uk) and click on the 'Links' section, you will find useful websites listed there.

**English**

Our class text will be: **Cogheart**

by Peter Bunzl

Narrative

We will be reading our first extended chapter book – Cogheart. In Term 5 we will be writing predictions for the ending using all of the skills we have developed so far.

Non-fiction

In our non-fiction unit, we will be debating the rights of Mechanimals (mechanic animals) that are in Cogheart. Do you think Mechanimals should have the same rights as real animals? We will also design and write non-chronological reports about the mechanimals we design.



**Maths**

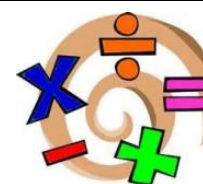
In Maths this term we will be covering the following skills:

Rounding to nearest 10, 100 and 1000 including rounding decimals.

Recapping multiplication and division.

Identifying acute, obtuse and right angles (not angels)

Identifying, naming and listing properties of triangles and quadrilaterals.



**Computing**



We will be thinking about, "The Impact of Technology"

This will include:

- Describing the features of a search engine that help you to search;
- Knowing how to select an appropriate search tool;
- Describing how to use a search engine effectively;
- Knowing why results are organised as they are;
- Identifying and avoiding adverts and potentially harmful material.

**History**



We will be looking at inventions and discoveries over time. What was invented first? The wheel or the axle? The tin can or the can opener?

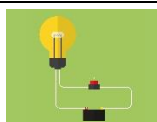
We will use our time line skills and order these important discoveries by date.

**Science**

**Our topic will be electricity**

The children will be able to:

- Identify common appliances that run on electricity.
- Construct a simple series electrical circuit, identifying and naming its basic parts, including cells, wires, bulbs, switches and buzzers.
- Identify whether or not a lamp will light in a simple series circuit, based on whether or not the lamp is part of a complete loop with a battery.
- Recognise that a switch opens and closes a circuit and associate this with whether or not a lamp lights in a simple series circuit.



**RE/PHSE**

Value of the term:

**We are assertive while still showing kindness and respect to each other.**

Jigsaw topic:  
**Relationships**

**DT**



Following the success of our STEM week, the children are hooked on design and how things are constructed.

We will be looking at different products, disassembling them and reassembling them again.  
**Don't try this at home!**



**PE**

During P.E this term, we will be following Unit 5 from Real PE. We will be taught two PE sessions a week, one with Mr Thomas and one with Mr Smith during PPA cover.

As the weather continues to improve, we will be enjoying more of our PE outside. We aim to develop tactics in invasion games.