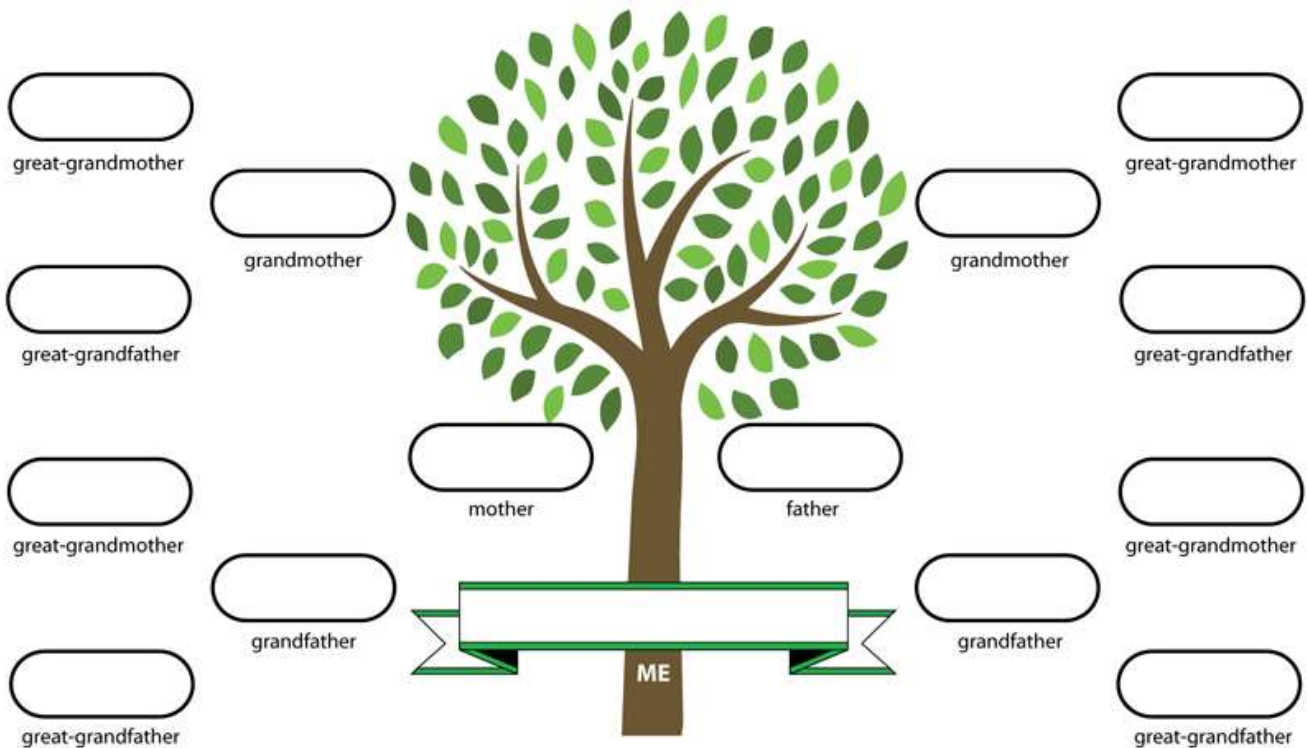


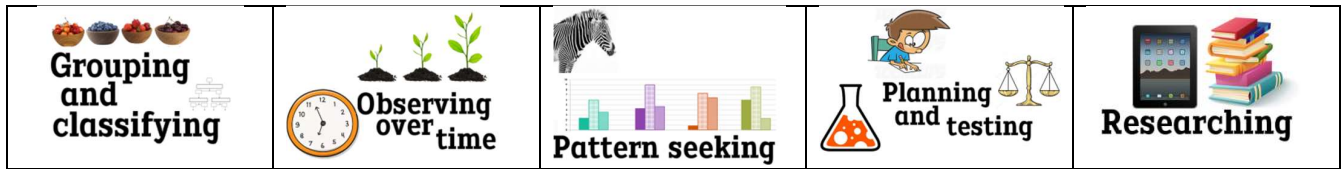
# Self Isolation Science

Year 5 6

## Evolution:

Draw your biological family tree. What common characteristics do you have with people in your family? (Eye colour, skin colour, hair colour, shape of your face, height, skills and talents)





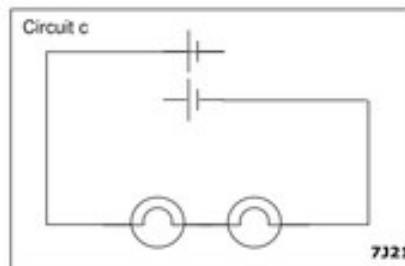
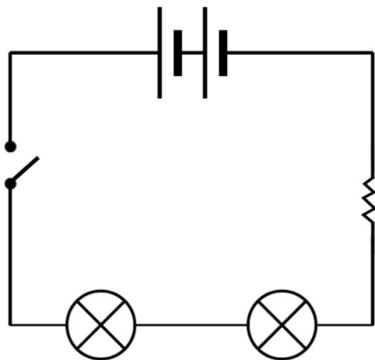
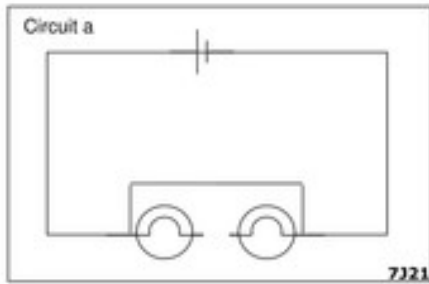
# Self Isolation Science

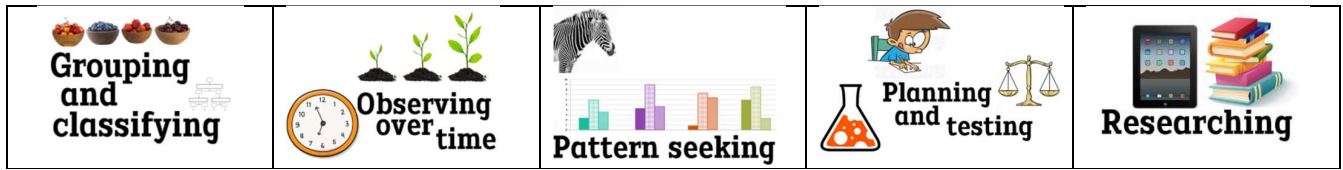
## Electricity:

Count the number of plug sockets you have in each room. Why do some rooms have more than others?

Room	Number of plug sockets

What's wrong with these circuits?





# Self Isolation Science

## Electricity:

Sort the items in your home into these categories:

Mains powered	Battery powered	Does not need electricity

**CHALLENGE:** Can you spend a whole day without using electricity?

Here's a few things you can do:

- Play outside
- Draw on paper
- Write a story
- Read a book in natural light
- Build a fort
- Make up a dance
- Tidy your room





# Self Isolation Science

**Research questions:** These will require access to the internet to investigate. You can write your findings down on the blank spaces on this page.

## Year 5

What are the differences between the life cycle of an insect and a mammal?

Why do people get grey/white hair when they get older?

What are microplastics and why are they harming the planet?

How have our ideas about the solar system changed over time?

What unusual objects did Jocelyn Bell Burnell discover?

How do submarines sink if they are full of air?

## Year 6

What do different types of microorganisms do? Are they always harmful?

How have our ideas about disease and medicine changed over time?

What happened when Charles Darwin visited the Galapagos islands?

Why do some people need to wear glasses to see clearly?

How has our understanding of electricity changed over time?

How do astronomers know what stars are made of?