# **KS1** Learning Log Homework-Aut-2024

Please find below a list of activities related to our topic: These activities are entirely ***optional*** but are aimed to support and enhance children's understanding and enjoyment of our current topic. Children can present their work in any way they wish, be as creative as possible! We look forward to seeing some of your amazing creations.

| Subject | 1 Team Point Activities | 2 Team Point Activities | 3 Team Point Activities |
|---|---|---|---|
| Science | Can you name 2 different scientists and what they are famous for? | Can you create a fact file about an inspirational scientist? | Can you have a go at making a rainbow- see attached experiment. |
| History | Can you find out 3 facts about Mary Secole?  | Can you create a fact file about Florence Nightingale?  | Can you make a timeline of Florence Nightingale? |
| Geography | Can you draw a compass and all the points? | Can you draw the Jamaican flag and the British Flag? | Can you list 3 differences between Jamaican and the UK? |
| Art/DT | This term can you create a picture of yourself using natural materials- eg leaves, sticks etc | Can you sketch a pencil drawing of Florence Nightingale? | Can you make a lamp for Florence Nightingale using any materials you have at home? |

Please hand in any homework done from the grid above to your child's class teacher when we return to school so all the team points can be calculated. Thank you for continuing to support your child's education and we hope you enjoy the tasks.

Feel free to do your own activities and have fun!

# How to Grow a Rainbow

You will need:

- Kitchen roll/paper towel
- Felt tip pens
- Two small bowls of water
- Paper clip
- Thread

1. Cut your kitchen roll into the shape of a rainbow.
2. Colour a rainbow with felt tips about 2 cm up on both sides.
3. Attach your paper clip to the top and tie a piece of thread to it. This will give you something to hold your rainbow with.
4. Fill each small container with water.
5. Hold your rainbow with the ends slightly submerged in the water then watch your rainbow grow!

THE SCIENCE

A brief introduction to 'capillary action'! Water molecules like to stick to things - including themselves. Sticking to things is called *adhesion* and sticking to itself is called *cohesion*. The fibres in kitchen roll make lots of little holes. Water is 'sucked' through the holes because of adhesion (liking to stick to other things) and cohesion (liking to stick to itself) means the rest of the water follows. The water pressure will eventually slow down and the pressure of gravity will mean it stops moving.

@MrsBpriSTEM