

Dear Parents/Carers,

### **Science Week (12<sup>th</sup>-16<sup>th</sup> March) – Exploration and discovery**

I am writing to tell you about an exciting science week that we have planned for the children. The theme of the week will be 'Exploration and discovery'. We have lots of activities planned to get the children excited and engaged about science, including a visit by the Science Boffins.

#### **Dress-up day**

In addition, to help us to fund for new science resources in school, we are having a 'crazy scientist' dressing up day on Thursday 15<sup>th</sup> March. We would like the children to come to school dressed as a mad scientist and would ask for a £1 donation for them to do so. This could be as simple as a white top/shirt with a crazy hairstyle.

#### **Competitions**

We will be running two competitions during the week. Children can enter individually or as a family. Entries need to be sent in for both competitions by the afternoon of Wednesday 14<sup>th</sup> March so that we can announce the winners during a whole school assembly on Thursday 15<sup>th</sup> March.

#### **Science Fair**

For the first competition, children will be asked to take part in a science fair which will be held on the morning of Thursday 15<sup>th</sup> March. The science fair will be an opportunity for children to showcase experiments and demonstrate their scientific knowledge. The children will be asked to research, design, investigate and create a science project at home that will reflect their interests and enthusiasm for science. This project can be presented in any way you feel is most appropriate for your child. There will be three prizes of family tickets to 'The Centre for Life' in Newcastle. Each entry will receive a certificate in our special 'Science Week Assembly'.

Parents are invited to view the science fair between 9.00 – 9.30am, and children will then view the science fair with their class throughout the morning.

The Royal Institution website (see below) has some fabulous ideas for science activities which are specifically designed for parents/carers and children to do at home. The website has short, step-by-step videos which outline what you need and demonstrate exactly what to do. The equipment you need are all things you will already have at home (washing up liquid, plastic milk bottle tops etc.)

<http://www.rigb.org/experimental>

## **#ScienceSelfie**

For the second competition, we want the children to recognise that science is all around us, every day. In order to get them to look for science around them, we are asking the children to take a Science Selfie. These are just a few suggestions: blowing bubbles; planting seeds; moving toy vehicles; looking at animal habitats; throwing and catching. The children will need to write a brief explanation of what Science their Selfie shows. e.g. kicking a ball shows how forces make an object move; taking your pulse shows how fast our heart rate is. Obviously, children in Reception and Year 1 will need help writing their reason or their reason written for them. There will be 3 prizes awarded for the best entries. A #ScienceSelfie competition entry will be sent home with the children.

## **Science Boffins – Friday 16<sup>th</sup> March**

Science Boffins will be visiting the school on Friday 16<sup>th</sup> March. Each class will take part in fun, interactive workshops lasting between 30 and 60 minutes. Reception and KS1 will take part in 'Plasma Balls and Playful Polymers' which brings together some visual effects from the film industry with pupils creating Frankenstein-like plasma flashes and making noxious slime. KS2 will take part in 'States of Matter' which explores the world of atoms through dry ice burps, giant bubbles and fire extinguishers.

Science Week will be a great opportunity for science to take centre stage and for the children to get involved, and really embrace how exciting science can be. We hope that these hands on experiences will inspire children further in their love of learning and interest in Science and also further raise the profile of science within our school. We trust that you will feel as excited about the week as we do in school and will support your child to take part as fully as possible, especially in the science fair.

We're all looking forward to an exciting Science week!

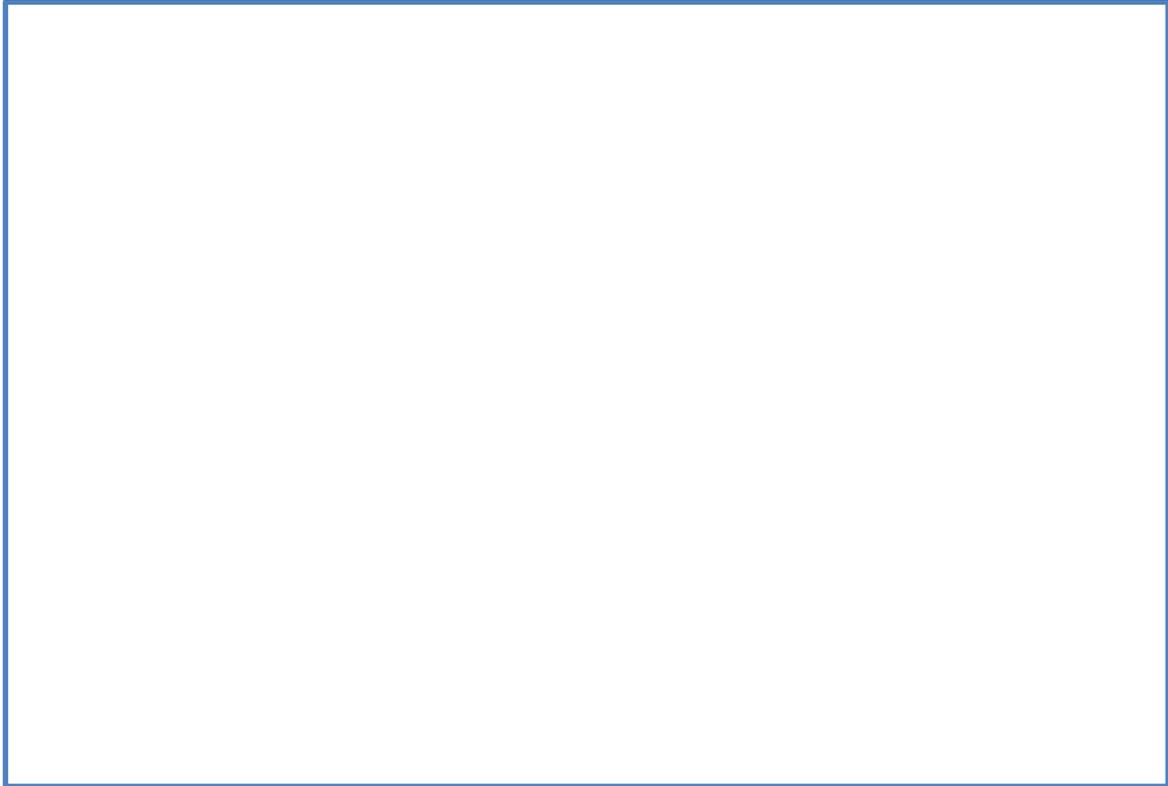
Yours sincerely,

Mrs Taylor

# #ScienceSelfie

Name \_\_\_\_\_ Class \_\_\_\_\_

*My Science Selfie*



*A brief explanation of the science my 'ScienceSelfie' shows.*

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