

Padnell Infant School

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Science week! **13th March – 17th March**

Dear Parents & Carers,

I am excited to share with you that the school will be taking part in National Science Week starting Monday 13th March. This year's national theme is all about "change". As a school we have decided to focus on how we can make a change to our environment by saving energy and recycling more. The children will be taking part in fun activities throughout the week to help raise their awareness of our impact on the environment. Here is an overview of the week and some activities you might like to support your child with.

Monday

The children will learn about different types of energy and how we can be more energy efficient around school and at home. We will be sharing with the children how much gas and electricity we use in a day at school and will discuss ways in which they can reduce this. We would like to encourage the children to ask questions at home about energy efficiency. Perhaps you could show them your energy meters at home and encourage turning of lights off and showing them how to turn thermostats down.

Tuesday

This will be a low energy day in school. We are going to use **no electricity** in the classrooms and the **heating will be off** (weather dependent) so that the children can see the difference in how much energy we use between the two school days. An extra layer may be advisable on this day. We would also like the children on this day to **bring in some recycling from home** that they can "reuse" to make a handy tool to use around the home.

Wednesday

The children will be thinking about alternative renewable energy sources and experimenting with how they work and designing their own energy efficient product.

Thursday

The children will have the opportunity to watch a theatre production from Quantum theatre Production Company focused on how we "reduce, recycle and reuse". On the day a voluntary £1.00 donation towards the cost of this would be appreciated. Then in the afternoon we will be taking part in a whole school litter pick around the local community to see how much we can collect as a school. We will collate all this together on the KS1 playground after school so please come and have a look at the children's hard work. Even grab yourself a bin bag for a good deed on the way home!

Friday

On Friday the children will have an opportunity to share what they have been doing with the junior school and find out about their science week. After school we will be running a **clothes "swap shop"**. If you can send your child in with a piece of clothing they no longer wear but is still in good condition we can then use this to set up a clothes swap where items will be available to purchase for 10p . All money we raise will go towards buying a new recycling bin for the school and any clothes left over at the end of the day will be donated to the local clothes bank. Please await further information on the final details.

We hope you can support your children this week and encourage them to be energy efficient at home and look forward to a fun filled week.

Kind Regards,

Miss E Vanstone
Science Leader & Class Teacher (Woodpeckers)