

### Dear Year 3 parents

Welcome back. This half-term our science led topic is 'May The Force Be With You'. There will be lots of work with magnets and pneumatics. Remember we need your shoe box or smaller sized cardboard boxes!

### Dates for your diary

JS Trip to Longley Lane Materials Recovery Facility  
**Wednesday February 1st.**

JK Trip to Longley Lane Materials Recovery Facility  
**Thursday February 2nd.**

The Big Build. Models on display for parents on  
**Wednesday February 15th.**

School closes for the half-term break on **Friday February 17th.**

School reopens **Monday 27th February.**

### Mathematics

Children will continue rehearsing their 2, 3, 4, 5, 8 and 10x tables and their corresponding division facts. The speed and accuracy that they are able to recall these facts should be increasing.

The children will be learning to multiply and divide making use of these times tables and solve 2-digit by 1-digit multiplications, e.g.  $26 \times 5$ .

We will then learn to measure in millimetres and centimetres and calculate the perimeter of regular polygons.

### English

We will begin the term by looking at successful pieces of persuasive text before writing a leaflet designed to get people reusing, reducing and of course recycling more.

Following the Sharston trips, the children will look at examples of explanation writing before creating a piece of non-fiction to explain how the MRF recovers glass, plastics and metals from household waste.



### Design Technology

The children will build a robot tasked with recovering steel waste materials (e.g. an empty can) using a pneumatically powered limb. They will need to work collaboratively in teams and will use boxes brought in from home. This will form part of our work for 'The Big Build', our whole school. Parents will be able to inspect the outcomes from Wednesday February 17th.

### Science

We will make use of the Year 3 science unit, 'Forces' this term. Beginning with a demonstration of pushes and pulls acting on a RoKit launched from the school playground we will look more closely at magnetic force. The children will have the opportunity to play with a variety of different magnets before designing a fair test to answer the question, 'Which magnet is the most powerful'. They will understand how magnets are used in real life including to separate steel and iron waste during a trip to Sharston Materials Recovery Facility (MRF).

### Computing

This term the focus will begin with email. How do people use email? We will allow the children to message each other in the safe PurpleMash environment of 2Email. We will then use a desktop publisher to create a persuasive leaflet linked to our recycling theme.

### Spanish

Children will be taught the names of body parts and family members through songs and games. They will read and add to a story, '¡Que aproveche señor conejo!'