

## Science

*Compare how things move on different surfaces.*

*Notice that some forces need contact between 2 objects, but magnetic forces can act at a distance. Observe how magnets attract or repel each other and attract some materials and not others.*

*Compare and group together a variety of everyday materials on the basis of whether they are attracted to a magnet, and identify some magnetic materials.*

*Describe magnets as having 2 poles. Predict whether 2 magnets will attract or repel each other, depending on which poles are facing.*

*Scientific Enquiry skills:*

*Asking relevant questions and using different types of scientific enquiries to answer them*

*Setting up simple practical enquiries, comparative and fair tests.*

Mighty metals, metals are everywhere. Children will become brilliant physicists and learn all about the properties of metals,

Autumn 2

## Mighty Metals.



## English

- The Iron Man (Ted Hughes) - Fiction focus: descriptive language, setting and character descriptions, sentence structure, grouping ideas into paragraphs -Diary entry , letter writing. Non-fiction focus: newspaper reports -Talk for writing: speaking and responding activities to enrich writing*
- Spelling: Strategies to support spelling, homophones, prefixes and suffixes*

## Maths

Pupils will cover the multiplication and division of 3, 4,6,7,8 and 9. Pupils will then get to use their experience of multiplication and division to solve word problems.

Students will also begin to multiplying TU x U. Lessons move onto multiplying where regrouping is necessary before pupils start to look at division. Decomposing numbers is critical in making both multiplication and division manageable for pupils and this is practised throughout the chapter. Once pupils master multiplication and division,

They will focus on solving problems using the multiplication and division methods.

### **Islamic Studies.:**

**This term in Islamic Studies, pupils will be learning different Aadaab (Manners) to implement in their lives. We will also be memorising from Soorah Lahab to Soorah Quraysh along with Duaas from the Duaa book.**

**It is very important that students revise their soorahs and duaas at home daily.**

### **Art/DT:**

Research robots and materials creating a mood board showing which robot products and materials you like. Design and draw your own robot made from recycled materials annotating to show how materials are attached. Build your robot using a variety of materials. Can you add a magnet? Can you add a light? Evaluate your product. Did it turn out the way you hoped? I can learn about some of the great artists in history and describe their work.

### **What will you choose to do?**

Go on a magnetic treasure hunt in your house. How many magnetic objects can you find? What materials are they made from?

Use non-fiction books and the web to find out about a metal of your choice. Write down your findings as a list of facts.

Investigate the best surfaces at home for toy cars to travel on: carpet or a tiled floor? Measure the distance travelled on each type of surface and rank each one in order of effectiveness. Make a table or bar chart to show your results. Which force is acting to slow down and stop the cars from moving?

Search the web to find artwork made using metal and make a collage or scrapbook of downloaded images.

Read stories and poems about robots. Choose your favourite, then write or film a review for your classmates.

### **Home Learning:**

It is very important that you spend some time working with your child at home. From revising their times tables and helping them to complete their weekly homework. Listening to them read and helping them to revise and practise their spellings. Ask them to keep a diary to write about any special activities or event that have taken place during the week.

**Stationeries/ Pencil case:** Please make sure they have the correct equipment with them in school everyday to help them in class with their writing and drawing work.

**Meal time:** Please ensure they bring in fruits for fruit time and a suitable healthy lunch. They should also have a water bottle.

**P.E:** Physical activities are essential part of growing up. We encourage all pupils to take part. They should come equipped with the correct kit on their P.E days, which are **Tuesday** and **Friday**.

**THANK YOU FROM THE YEAR 3  
TEAM.**

**HOPE TO HAVE A WONDERFUL  
AUTUMN TERM INSHA'ALLAH!**