

Computing

In Computing we will be learning to control robotic toys such as the Sphero, to develop our coding and programming skills. Over the course of the term we will build a course and manipulate the Sphero through it. We will then record and edit using animation and movie apps on the iPad— just like a stunt scene in a movie!



Physical Education

P.E lessons will be on Tuesday with the P.E. coaches. Please ensure the children have the correct P.E kit and footwear to take part. This term Year 4 will be learning gymnastics and dance, building up to their own choreographed routines.



Grazebrook Primary School



Curriculum Information Autumn 2



Year 4

Religious Education

In R.E. we will be learning about Islam this half term.

The topic will focus on the Qur'an and why it is special. We will learn about the different ways Muslims study the Qur'an and how they respect it.

We will also start to identify the similarities and differences between Islam and other World Religions.

Please Remember

Maths home learning will go home on Fridays of every week. Home learning must be returned to school on Wednesday in time for marking.

The children will also receive a 'Home Learning Passport' at the start of each half term with different activities to complete for both English and IPC.



Feel the Force

Material World



IPC Topic

We have two exciting IPC topics this half term starting with 'Feel the Force', a science topic investigating forces including friction and gravity. We will be finding out what forces are and where they come from; how to measure the strength of a force, as well as how magnets and magnetic forces work.

In our second topic we will investigate our Material World and the many different materials used to make everyday objects. We will explore properties of materials such as magnetic attraction and conductivity.

Reading

Classes will continue to read books independently for Accelerated Reader, with tests being taken in class when they have completed a book. There is also allocated DEAR (Drop Everything and Read) time in timetables, where pupils will be encouraged to read for pleasure.

Children are expected to bring their reading book to school every day. Journals will be marked every Tuesday.

Mathematics

This term will focus on developing pupils' understanding of mental and written multiplication and division strategies. Pupils will become increasingly flexible with their knowledge of multiplication and division facts, working with all the multiplication tables up to 12×12 . They will find derived facts and use the associative and distributive laws to mentally calculate increasingly complex multiplications and divisions. Throughout, concrete and pictorial representations will be used to develop a deep conceptual understanding.

Writing

This term we will be focusing on explanation and recount texts, exploring the different features of both styles.

Our writing weeks this term will be inspired by 'The Wolves in the Walls' by Neil Gaiman. We will examine the specific techniques he uses to make his stories enjoyable and recreate these in our own writing.

How can you help me at home?

Help me practise my times tables at speed. By the end of the term children should be confident with all their times tables up to $10 \times$.

Help me practise my spellings. Spelling tests will happen every Thursday from the weekly set that is given at the start of the term.

REMEMBER OUR IPC

PERSONAL LEARNING GOALS

Adaptability

cooperation

RESILIENCE

enquiry

morality



communication

respect

thoughtfulness