

Year 4

Introduction

Welcome back to school after half term, we hope you have had a relaxing half term and are raring to get back into learning. This is another jam packed half term and we are ready to get started with our learning. As always there are lots of exciting topics we are exploring and some extra pieces of at home learning to extend knowledge learned in school.

Mathematics

In maths, for the first part of the half term we will be continuing with addition and subtraction using a column method with exchanges.

We will then move onto using measurement and area. Finally, finishing off the half term with Multiplication and division A.

Timetables

There will be a weekly timetable check every week where children will answer 25 timed questions similar to the DfE check.

Children should be practicing their timetables on TTRS every week in addition to their weekly timetable's lessons with Mrs Walker every Thursday.

English

This half term in English we are using our guided reading book, *The Accidental Prime Minister*, as inspiration to write persuasive letters. The letters will explain the things we would change if we were Prime Minister to persuade you to vote for us!

Focusing on the comedy genre we will be creating adverts using persuasive language and write poetry to make us laugh!

We will also be writing a non-chronological report about Antarctica alongside our work in geography. Using our research skills and knowledge of navigating atlases to help us.

Geography

Our first geography unit of the year will focus on Antarctica. We will be recalling our knowledge of continents and seas to describe the area of Antarctica using atlases to help us. We will be finding out who lives in Antarctica and what the climate is like. We will also be researching how climate change is impacting Antarctica and it will impact the things that live there.

Science

In science we will be beginning our unit on 'states of matter'. We will begin this by looking at the different states of matter and how these can be visualised and differentiated. We will then move onto looking at how states of matter can change by investigating using thermometers and changing temperatures. Then, we are going to do some research on physicist Brian Cox and explain the contributions he has made on the world of physics.



Parent's Information

If you want to support your child's learning at home, here are a few ideas you might like to try:

- Listen, read and discuss with your child the book they are reading at the moment. If you want to encourage your child to read more narrative/fiction ask your class teacher for ideas.
- Play times table's games and practice division as well as multiplication facts.
- Use Times table Rockstars websites at home - your children should know the log in details!
- Practice your child's spellings with them - they will be bringing them home in their log book at the start of each week and to use Ed shed to practice.

Spanish/computing

Spanish and computing will continue to be on a Thursday and taught by the company 'Junior Jam'.

DT

Our DT unit will be expanding on our knowledge of electricity that we have covered in science (Autumn 1).

Children will be evaluating and identifying the uses and features of electrical torches. This allow them to plan, build and evaluate their own using circuits.

RE

We will be continuing with our work on Hinduism this half term. We will be learning all about Hindu traditions when it comes to Diwali which is celebrated on the 12th of November.

Children will spend time researching and summarising the life events of key Hindu figure Gandhi.

Children will also spend time summarising what life is like for Hindus in Britain by giving their own opinions and listening to the experiences of Hindu people whole live in Britain today.

PE

We will be focusing on dance with our dance coach on Wednesdays and learning basketball skills building up to playing whole class games in our Tuesday PE lessons.

PSHE

We will be starting our PSHE unit of work by looking at stereotypes and discrimination. Children will be able to identify different stereotypes and explain how to avoid them.

We will also be looking at bullying and self-worth, how children can uplift themselves as well as each other. This will fit in nicely with anti-bullying week and odd socks day.



RE

Look at the Rangoli patterns below.
Have a go at drawing your own.

Once you have drawn it, do some research about the meaning of Rangoli and write a few sentences below. Explain what you like about the pattern you have drawn.

Science

<https://www.youtube.com/watch?v=vNvElea-124>

Watch this video about the states of matter and write some notes about everything you have learned so far.

Challenge: can you do any extra research about the states of matter?



Autumn 2 Homework

Maths

Practice timestables on TTRS at least 3 evenings a week. Children should go on for 15-minute sessions to practice their timestables.

Art

Research arctic landscapes and have a look at the different features.

Draw an arctic landscape at home and label the different features that you have drawn.

English

Write a list of the things that you would like to change in the world. Choose three and explain why and how you would change them.

PSHE

Make a poster all about anti-bullying. To do this you need to do some research about:

- Groups of people that might be an easy target for bullying
- Who to speak to in cases of bullying
- Anti-bullying week
- What can be done in school to stop bullying

Finish off your poster with some advice you have for people bullied that might help them or make them feel better.

PE

Watch this dance routine video at home and have a go copying the dance routine.

<https://www.youtube.com/watch?v=YteMhrQvfCo>

Can you come up with your own routine? Get your adult to take pictures or videos to send on dojo.

Geography

Create a fact file about Antarctica, can you answer these questions:

- Where is Antarctica?
- Who/what lives there?
- What's the average temperature?
- A brief history about Antarctica
- Fun facts

Spellings

Continue to use the spellingshed assignments every week to practice spellings.

Handwriting

Practice handwriting at home on a sheet of lined paper at least once a week. This is a great chance to practice the spelling words!



Autumn 2
Homework