

News from Class Two

This term our topic is geography led on a unit called Frozen kingdoms. The children will be learning about the physical features of the Arctic and Antarctica. They will also be learning about the plants and animals found in these ecosystems and investigating how these are under threat from climate change.

English

This term our fiction work focuses on issue based stories with settings in cold places such as the Arctic. We are going to read *The Last bear* by Hannah Gold and *The Wolf Wilder* by Katherine Rundell as our guided texts. We will use these texts and other stories to analyse the features of effective writing at a whole text, sentence and word level. The children will also be watching a powerful animated story called *Migrants* about polar bears and the impact of climate change on them.



They will use this stimulus to generate word and phrase banks to support their creation of sentence level writing, which will then build up

to a full description of the setting. The story is very thought provoking and raises lots of questions to consider and to respond with their own writing. The children will also be focusing on characterisation and how to develop and set out dialogue accurately.

During our Tuesday English sessions, the children will be learning about how to write diary entries. They will begin by learning about the features included in diary writing before identifying these features within diary examples. They will have a go at writing their own diaries before writing a diary entry from the perspective of another person.

Spellings will continue to be given out on a Monday with the children peer assessing each other the following Monday. This term, years three and four will be continuing their

learning about suffixes and other word endings as well as focusing upon various graphemes for certain sounds found commonly within words. We will look at the patterns for when each grapheme is most likely to be used within a word and apply this knowledge through various games and activities. Years five and six will be looking at common spelling patterns found in words, such as the ough spelling pattern as well as continuing to learn about various word endings. They will also have a focus on homophones (words which sound the same but have different meanings) and words that sound similar. During our grammar sessions this term we will be focusing on word types such as adverbs and prepositions as well as looking at the grammatical features and language differences of direct speech, expanded noun phrases and both informal and formal writing.

Maths

During mathematics in our Monday and Tuesday sessions years three and four will complete their work on mass and capacity before moving on to learn about position and direction which includes describing and plotting positions using coordinates as well as translation of 2D shapes on a grid and describing simple translations. Later in the term, they will move on to learning about length, perimeter and area. They will learn to measure accurately and calculate perimeters of familiar 2D shapes using mm, cm, m and km. They will use squares to identify areas of simple shapes. Years five and six will

complete their learning on shape, focusing on circles and 3D shapes before moving on to explore position and direction including translation and reflection. They will then be learning about perimeter, area and volume where they will calculate the perimeters and areas of various shapes including triangles and quadrilaterals as well as compound shapes.

The second half of the week's maths lessons target number-based topics. To begin the term we are focusing on multiplication and division and exploring the relationships between them. In year three and four, we are exploring factor pairs from the three, six and nine tables. The children will also continue to learn and practise the recall of the four and eight times tables. The children in year three and four will then use the number facts to solve calculations with two and three digit numbers multiplied by a single digit number.



In year five and six the children will develop their fluency in written calculations with multiplication and division. They will apply this knowledge to problem solving and reasoning-based questions. Afterwards, we will then move on to learning about fractions, decimals and percentages.

Science

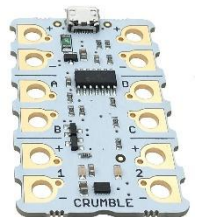
In science for the first half of term the children will be learning about materials. Initially, the children will begin by exploring and classifying a range of different materials according to their properties. They will then progress to exploring what happens when different materials are

combined and how materials can be separated using different processes including filtering, sieving and evaporating. They will be exploring the process of dissolving and which materials will dissolve to make a solution. They will explore variables that can affect the process of dissolving such as the temperature of the liquid, whether it is stirred or left unstirred.

After half term the children will be learning about the human body. The children will be learning about why the skeleton and muscles are important to humans for support, protection and movement. They will also be learning about the main parts of the human circulatory system and describe the functions of the heart, blood vessels and blood. They will explore how diet and exercise impacts on how their bodies function.

Computing

In computing, years three and four will firstly be completing their unit on desktop publishing before moving on to develop prior learning in programming. They will use Lego WeDo to create pre-designed models and program them to move and, in some cases, make sounds. Years five and six will complete their unit on spreadsheets before moving on to explore and develop their knowledge of programming using the Crumble programming environment. They will be introduced to a microcontroller (Crumble controller) and learn how to connect and program components such as LEDs and motors.



Religious Education

In religious education, the children will be continuing to learn about what the Trinity is

and why it is important for Christians. They will do this through the exploration of baptism. Following this they will learn about how festivals and family life show what matters to Jewish people. During this unit the children will learn about the Jewish festivals Rosh Hashanah and Passover including Yom Kippur. They will listen to and explore the links between the story of the Exodus and Jewish beliefs about God. They will also be given the opportunity to reflect on and share their own ideas around saying sorry, forgiveness and gratitude. Later in the term the children will explore what Christians believe Jesus did to save people. They will explore the events of Holy week and what they mean to Christians as well as learning about the terms salvation and incarnation and how these link with what Christians believe about Jesus. They will also consider their own responses to the idea of sacrifice and think about what sacrifices they believe would be good to make the world a better place.

French

This term, we will be learning about different ice cream flavours and how to order ice creams. The children will focus on learning ten different flavours and will have plenty of opportunity to engage in role-play activities to build their confidence in speaking in French. At the end of the unit, we will set up our own ice cream parlour and they can order and eat an ice cream of their choice.



Art

In art this term we are studying the work of environmental artists. After studying the work of different artists, the children will

use a range of recycled materials to create their own piece of work inspired by the theme of Frozen kingdoms. They will start off by creating an image of an Arctic or Antarctic scene and then move on to make a 3D sculpture using a range of materials with an environmental theme.

Design and technology

In design and technology the children will be working on a unit about food technology. The children will be tasting and evaluating a range of bread products to start the topic off and to inspire them for their own design process. They will be learning about the ingredients used to make bread and their importance to the design process. They will then learn how to make a basic dough. They will then have the opportunity to design and make their own recipe. The children will be evaluating other groups' recipes before making some for visitors to our soup café towards the end of the spring term.

Music

We will be continuing to learn to play the descant recorder, and, by the end of term, children in years 5 and 6 will be able to play at least 10 notes. This will enable them to be able to play a wider range of tunes. We will be learning tunes containing harder notes to help them to become more confident. Children in years 3 and 4 will be consolidating last term's learning of the first 3 notes and then moving onto learning at least 3 more notes by the end of term. We will be working on breath control and creating a pure sound, and we will be learning some simple tunes to play together.

Our composition work this term links to our geography topic about frozen kingdoms. We will be listening to contemporary compositions by artists such as Jacob Collier and Enya, and we will use their music as inspiration for our music, which will be based in either Antarctica or in the Arctic. The children will use a range of tuned and untuned instruments to write short pieces to represent animals in the region and they will put all these together to form a whole piece of music.



PE

In PE the children will be developing their invasion game skills through lessons on hockey. They will be developing their skill in dribbling with ball and hitting the ball with control and accuracy. They will apply these skills to small sided games where they will learn to attack as well as defend their goal.



The children will also be swimming at Ludlow Leisure centre for six weeks leading up to the swimming gala for those pupils who wish to take part in key stage two. We shall also be doing a dance unit with themes inspired by our environmental work in geography and English.

PSHE

In personal social health education, we are exploring two themes this term: Dreams and goals and healthy me. During the first topic the children will be exploring the importance of staying motivated when doing something challenging. They will also explore the benefits of working with others to achieve their goals so that they can draw upon the knowledge and skills of others. They will explore why it is important to encourage and

others in their endeavours and to work hard to hit their targets.

After half term, they will be exploring the importance of making healthy choices and eating a balanced healthy diet. They will also explore the benefits of being physically active and how it helps with our emotional wellbeing. They will explore ways to keep themselves and others safe and how to be a good friend and form strong friendships.

