

# Year 2 Half Termly Overview- Autumn 1

## Maths

This half term we will be learning about addition and subtraction. We will be adding using  $TO+O$ ,  $TO+TO$  and subtracting using  $TO-O$  and  $TU-TU$ . We will then be focusing on 2-D and 3-D shapes-looking at some of the different shapes and their properties. We will then focus on repeated addition and how this links to multiplication and using arrays to represent multiplication sentences. Statistics will be our next unit of learning, with a focus on being able to interpret tables, graphs, pictograms and tally charts and this will be followed by a unit linked to fractions - understanding halves and quarters of shapes and objects and identifying images that match given fractions. We will also be exploring and reasoning about patterns and sequences of counting involving 2s, 5s, and 10s, including sorting. We will be continuing to practise our two times tables as well as our five times tables and the related division facts.

## English

This half term, our new unit will be focused around traditional tales with a twist and we will be using the text, 'The true story of the 3 little pigs.' We will be identifying unfamiliar or exciting words or phrases from the text and checking meanings using dictionaries. As we read the text, we will be practising how to retrieve literal information as well as starting to use inferential thinking. We will be using drama techniques such as hot seating and magic microphones to explore characters and we will be identifying the use of repetitive language within and across some of the other traditional tales we read. We will then use this story to begin planning our own traditional tale with a final outcome of writing an innovated traditional tale with a twist. Within this unit, we will be also learning about instructional texts. In this non-fiction section, we will spend time familiarising ourselves with the features of this non-fiction genre and about the importance of instructions being sequenced. Using shared writing techniques, a class set of instructions will be modelled, one section at a time. This will lead to the final outcome of being able to write a set of instructions for making fruit kebabs. Throughout both units, we will be focusing on the following grammar skills: using the suffix *ly* to turn adjectives into adverbs (slowly, gently, carefully), effective use of verbs and adverbs, commas in a list, full stops, capital letters, exclamation marks and question marks, the use of the correct tense and form of verbs and compound sentences using *and*, *but*, *so* and *or*.

## Theme

This half term, our theme title is 'Fighting Fit.'

In science, we will be learning about how animals (including humans) have offspring which grow into adults and how in some animals, there may be eggs laid that hatch which then grow into adults. We will also be learning about hygiene and how good hygiene is also important in preventing infections and illnesses.

PSHE learning will continue to focus on physical health and mental well-being and we will also be learning about keeping safe. We will be discussing how medicines can help people stay healthy and manage allergies and we will be focusing on how to recognise risk in everyday situations. We will be discussing how to keep ourselves safe in both familiar and unfamiliar environments and think about steps that can be taken to avoid or remove ourselves from danger. We will also be thinking about how to get help in an emergency.

In R.E. the focus will be on Christianity and Jesus and we will be thinking about the following question- 'Why do Christians say that Jesus is the 'Light of the World'? We will be exploring the use of light and how it may be used in religious communities to indicate the presence of God and as a description of Jesus. We will be making links between the imagery and symbolism of light in the Christian context and significant events in our own lives.

In design and technology, we will be focusing on cooking and nutrition and learning the following skills:

- Designing a healthy wrap based on a food combination which works well together.
- Slicing food safely using the bridge or claw grip.
- Constructing a wrap that meets a design brief.
- Describing the taste, texture and smell of fruit and vegetables.
- Taste testing food combinations and final products.
- Describing the information that should be included on a label.
- Evaluating which grip was most effective.

In geography, the focus will be on place knowledge and we will be learning about a small area within a contrasting non-European country. As part of our learning, we will be considering the following questions:

- Where is the area located? How far away is this place? How could people get there?
- What is the physical geography like e.g. weather, landscape, rivers, hills etc? What distinctive features does the area have?
- What is the human geography like e.g. settlement size, shops, services, local industries, transport links, tourist attractions?
- What are the similarities and differences between this area and the small area(s) of the UK that have been explored previously in KS1.
- What are the lives of children in this area like? What would it feel like to live in this place?

In music, the title of our theme is 'Ho Ho Ho' and all of the learning in this unit is focused around the one song with the same title. Activities will include being able to find the pulse as the children are listening to the music, moving to the music, being able to identify instruments/voices that can be heard in the music, being able to clap rhythms, playing instruments, singing and then performing and sharing. This unit will then be followed by the practise and performance of our Christmas production.

Computing this half term will involve learning about algorithms and debugging and will focus on the following:

- Recognising that some devices are input devices and others are output devices.
- Learning that decomposition means breaking a problem down into smaller parts.
- Using decomposition to solve unplugged challenges.
- Developing the skills associated with sequencing in unplugged activities.
- Following a basic set of instructions.
- Assembling instructions into a simple algorithm.
- Learning to debug instructions when things go wrong.
- Learning to debug an algorithm in an unplugged scenario.

Our P.E. units this half term are dance and gymnastics activities.

In our spelling sessions this half term, we will be continuing with re-capping on the application of phase 5 phonemes and we will also be looking at spelling and applying year 1 and 2 common exception words and high frequency words in all areas of our writing.