

Curriculum Overview
Year 4 Autumn Term
September - December 2017

## **English**

## Reading and writing

This term, much of the pupils' work will be inspired by their reading of 'The Iron Man' by Ted Hughes and 'War Game' by Michael Foreman.

'The Iron Man': The pupils will learn to develop character through the use of verbs, adverbs and adjectives, creating their own top trump monster to defeat the Iron Man. They will then produce a newspaper article about the landing of the Space-bat-angel-dragon.

'War Game': The pupils will write postcards based on original World War I models and write a diary entry imagining they are in the trenches.

Spelling and grammar (SPAG), Comprehension & Speaking & Listening: During the term, the pupils will revise simple punctuation and learn to use more complex punctuation such as commas, speech marks and the apostrophe. There will be a continued emphasis on spelling, handwriting, answering written comprehension questions and speaking and listening.

## Geography

Pupils will find answers to the key question: **What is Geography?**They will learn basic map work, including how to read maps and explain why they are used. They will also learn how to use 4 figure grid references on OS maps including the unique OS map symbols. From the starting point of writing their address they will locate their house on a local map and a world map and globe. They will locate the major features of Europe and the World, including the equator, lines of latitude and the Prime meridian and International dateline.

They will study, describe and distinguish between major physical and human geographical features.

This will include studying mountains and their features and climates. They will locate major mountain ranges in the world; name and describe features of a mountain environment; study a specific range in detail; and examine the impact of tourism on the landscape and the effect of the landscape on tourism.

Then they will study rivers and their landscapes and processes, including

# Form/ Year Group / Section Events

Informal Parents' Evening: Tuesday 12<sup>th</sup> September. Year 4 Parents Evening: Tuesday 26<sup>th</sup> September. Abingdon Prep School Open Morning: Saturday 7<sup>th</sup> October.

Half-term begins: Friday 13<sup>th</sup> October (4.10pm) Half-term ends: Sunday 29<sup>th</sup> October.

JPA Fireworks Evening: Friday 3rd November

Whole school Christmas Bazaar: Saturday 25th November.

Year 3 & 4 Theatre visit: Tuesday 28th November

Whole School Christmas Concert: Monday 11<sup>th</sup> December.

Term ends: Friday 15<sup>th</sup> December (12.00pm).

#### Mathematics

Pupils in Year 4 will study mathematics through a variety of strategies, including mental maths, written work, problem solving activities and speaking and listening tasks.

The topics covered are as follows:

**Place Value:** Pupils will partition numbers into thousands, hundreds, tens and units; understand properties of number. They will recognise and construct number sequences.

**Addition/Subtraction:** Pupils will consolidate + and - relationships. They will be expected to know all their + and - number facts up to 20.

**Multiplication / Division:** Tables practice, 2,3,4,5,and 10, introduce other tables. They will understand the relationship between multiplication and division.

**Fractions/Decimals:** The pupils will recognise simple fractions and mixed numbers and relate fractions to division.

**Shape and Space:** They will describe 2-D shapes. Data Handling: They will collect and interpret data in tables such as tally charts and frequency tables and develop pictograms and bar charts.

**Measure:** Measuring in mm, cm, and m. Estimate length. Read a scale.

Time: Tell the time and estimate time to solve problems.

**Word problems:** Solve one and two-step problems using all four operations.

# Personal, Social, Health, Citizenship Education (PSHCE)

The pupils will explore the APS Code of Conduct through drama, role play and group discussion. They will focus on feelings and friendship. They will look at the range of feelings they all experience and what causes them. They will consider how their behaviour can affect other people's feelings. The qualities and values of friendship will be explored. They will be encouraged to explore ideals such as trust, caring and sharing.

## Science

The pupils in Year 4 will study:

Materials and their properties: Pupils will explore thermal and non-thermal conductors through undertaking various investigations: Sense of touch and the flow of thermal energy, best thermal conductors and insulators (including a building design). They will investigate reversible and nonreversible changes.

States of Matter: Pupils will explore the effect of temperature on liquids, solids and gas and gain a simple understanding of particle theory through simple investigations ,and then use it to explain events in everyday life including the water cycle.

**Separating mixtures:** The pupils will explore separating simple mixtures using evaporation and filtration. They will end with making water filters.

### Religious Education (RE)

Pupils in Year 4 will study:

What is RE?: They will reflect on their own understanding of RE.

**Christianity and Jesus:** What do we know about Christianity? Who was Jesus? Evidence and biblical stories.

**Features of a church:** What are the features of a church? Visit to Christchurch, Abingdon to study holy communion and baptism. Review of visit.

The journey of the Magi.

# History

The major topic in Year 4 will be **The Tudors.** 

The pupils will learn about how the Tudors came to power following the War of the Roses. They will name and study the reigns of the Tudor monarchs, focusing particularly on Henry VIII and his six wives. They will learn about England's break with Rome and the dissolution of the monasteries, and how this changed the English Church and society. Then they will study crime and punishment, compare and contrast life in towns to life in the country, and assess how life for the rich differed to life for the poor.

| the features of the water cycle and the major features of a river from source   |   |  |
|---|---|--|
| to mouth. They will also name and locate famous rivers of the world.  |   |  |
| The final physical unit includes a basic study of coastal features. They will   |   |  |
| define and describe what a coast is and locate examples in the British Isles and further afield. They will name and describe the main features of coasts, |   |  |
| including stacks, arches, stumps, beaches, cliffs, spits. They will examine the   |   |  |
| main land uses on coasts and investigate how human activity affects coastal   |   |  |
| environments and why we need to manage the coastline.   |   |  |
| French  | Computing   | Drama  |
| The pupils in Year 4 will begin the year with a quick lesson of revision and go   | This term Year 4 pupils will study 4 major topics.  | To begin the year the pupils will build their confidence   |
| on to reinforcing their classroom commands. They will learn the alphabet and  | e-Safety: They will learn the importance of protecting themselves and                                   | through a variety of drama 'games' and short exercises.  |
| ask how something is spelled. They continue with learning the vocabulary for  | their friends and know what can be seen online and by whom.   | and grant of the state of the s |
| general school items and understanding how to say that they have or haven't   | Programming: They will explore an online programming application to                                     | In the second half of the term their work in Drama will tie  |
| got something and develop their understanding of masculine and feminine   | create a game, creating simple algorithms and learn how to test and                                     | in closely with their reading and writing on 'War Game' by   |
| nouns. Finally they learn more about school subjects, and how to express  | debug their work.   | Michael Foreman.   |
| their opinions of them, and months of the year with a view to talking about   | Multimedia: They will create a class comic.   | Wichael Foreman.   |
| birthdays.  | <b>Technology in our lives:</b> They will explore websites and discover how to                          |  |
| Art   | decide if information is correct or not and use keywords for searching.  Craft, Design Technology (CDT) | Music  |
| The major topic of study this term will be colour and pattern in the world  | The pupils in Year 4 will study the following units this term.  | The pupils in Year 4 will study the following topics this  |
| around us.  | Electric control: They will make a simple lighting circuit with a switch to                             | term.  |
| The pupils will investigate how colour theory is used in the world around us.   | light a scene. They will design and construct a spinning alien using a                                  | Exploring Arrangements: They will explore melodic  |
| , ,   |   | , , , ,  |
| They will then study packaging, nature and advertising and ask how products   | motor.  | phrases and rhythmic patterns and maintain a constant  |
| we buy grab our attention using just colour.  | <b>Textiles:</b> They will hand sew a simple Christmas wall hanging and use the                         | pulse. They will learn about the expressive use of   |
| This will be followed by an investigation into how the pattern used on  | sewing machines to make a gift.   | elements and present a class performance.  |
| wallpaper, packaging and other items we buy tell us where it is from in the   | Levers: The pupils will make a moving card and a wooden Christmas                                       |  |
| world.  | decoration.   | They will continue to learn the recorder and prepare a   |
| Pupils will learn how to use oil pastels, paint and collage, also use 3d card   |   | vocal performance for the school carol concert.  |
| modelling to design.  |   |  |
| Games   | Physical Education (PE)   | Swimming   |
| The major team sport this term will be Rugby. Pupils in Year 4 (Under 9) will   | The pupils will practise Invasion Games. They will be taught the basic                                  | Pupils in Year 4 will learn the following skills:  |
| learn how to play 7-a-side 'transitional' contact rugby. They will learn  | skills needed to play hockey and basketball then how to implement these                                 | The importance of safety issues.   |
| attacking and defending skills and prepare for matches. They will learn safe  | in a game situation.  |  |
| and effective tackling. They will learn the importance of ball placement,   |   | Front Crawl – They will improve their body position and  |
| support, running with /without the ball, positional play, infringements, how to   |   | arm action. They will be taught different means of entry   |
| start/re-start, offside and the principles and spirit of rugby. All pupils will   |   | into the water, including shallow diving. They will learn  |
| participate in inter-school matches and all will take part in house matches.  |   | how to push & glide with floats.   |
| Pupils will follow the RFU Continuum at all times.  |   | Pupils will also be taught how to improve their backstroke   |
|   |   | and breaststroke.  |
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