

# Curriculum Information - Year 4 - Spring Term

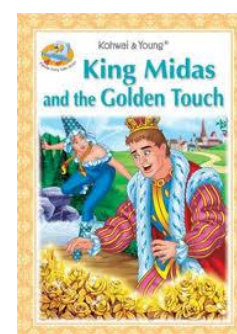
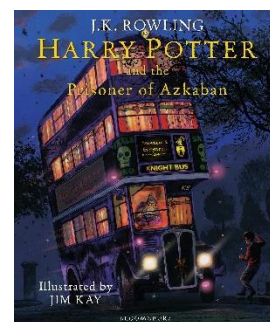
## English Class Texts

**Harry Potter and the Prisoner of Azkaban**  
**King Midas and the Golden Touch**  
**Reports on the Olympic Games**  
**Poems - Greek Gods**

## Reading

In Year 4 children will understand what they read, in books they can read independently, by

- checking that the text makes sense them
- discussing their understanding and explaining the meaning of words in context
- drawing inferences such as inferring characters' feelings, thoughts and motives from their actions and justifying their inferences with evidence.
- making predictions based on text and from knowledge of other books
- asking questions to ensure understanding of a text
- identify the main ideas from more than one paragraphs in a text and summarise these
- identifying how language, structure and presentation contribute to meaning



## Writing

Children in Year 4 will:

- plan their writing using talk for writing to understand and learn from its structure
- compose and rehearse sentences orally
- organise paragraphs around a theme
- use simple organisational devices such as headings and sub-headings
- evaluate and edit their own and others writing
- make improvement by proposing changes to grammar and vocabulary to improve consistency
- proof read their writing for spelling and punctuation errors.



## RE

### Christmas

Children will know about the announcements made by angels in the stories associated with the birth of John the Baptist and the birth of Jesus. They will understand that angels are heralds of important messages and will be able to consider ways in which Christians today are heralds of the message of Christ. They will know and be able to explain some of the Church's customs for celebrating the birth of Christ.



### Moses and Kind David

Children will know and be able to recall in words, actions and writing the stories studied in this unit. They will understand that God chose and called Moses and David for special



tasks. They will recognise that God protected his people and that in the Psalms of David we find images of God caring for and protecting his people. They will understand that through the anointing with the Oil of Chrism in the Sacraments, Christians celebrate and respond to God's call in their lives today.

**Jesus: Light of the world and beloved Son**

Children will know the stories of the Baptism, Presentation and Transfiguration of Jesus. They will understand that at these events Christ is revealed as the Light of the World and the Beloved Son of God. They will know that through Baptism, Christians become the Children of God and will identify symbols from the Baptismal liturgy that express this belief.

**Lent: Living as followers of Jesus today**

Children will know some reasons associated with the Church's practice of prayer, fasting and almsgiving during the season of Lent. They will know some of Jesus' teaching about forgiveness and will understand that this is a gift God freely gives. They will know that the Sacrament of Reconciliation is a celebration of this gift. The children will know that Christians are called to follow Christ by the way they live their lives. They will understand that the Beatitudes of Jesus provide a guide for this.

**Holy Week**

Most children will have a good knowledge of the story of Holy Week and will be able to explain some reasons for the death of Jesus.



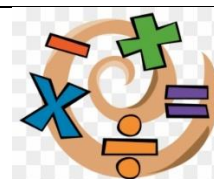
**Maths**

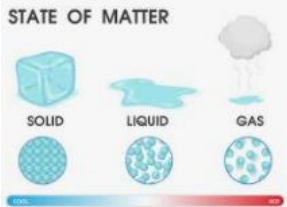

**Multiplication and division**





- solve problems involving multiplication and addition, including using the distributive law to multiply two digit numbers by one digit, integer scaling problems and harder correspondence problems such as n objects are connected to m objects
- multiply two-digit and three-digit numbers by a one-digit number using a formal written layout
- recognise and use factor pairs and commutativity in mental calculations
- use place value, known and derived facts to multiply and divide mentally, including: multiplying by 0 and 1; dividing by 1; multiplying together three numbers

**Fractions**

- count up and down in hundredths; recognise that hundredths arise when dividing an object by one hundred and dividing tenths by ten



	<ul style="list-style-type: none"> <li>recognise and show, using diagrams, families of common equivalent fractions</li> <li>solve problems involving increasingly harder fractions to calculate quantities, and fractions to divide quantities, including non-unit fractions where the answer is a whole number</li> </ul> <p><b>Measurement</b></p> <ul style="list-style-type: none"> <li>find the area of rectilinear shapes by counting squares</li> <li>estimate, compare and calculate different measures, including money in pounds and pence.</li> </ul> <p><b>Decimals</b></p> <ul style="list-style-type: none"> <li>recognise and write decimal equivalents of any number of tenths or hundredths</li> <li>solve simple measure and money problems involving fractions and decimals to two decimal places</li> <li>find the effect of dividing a 1- or 2-digit number by 10 and 100, identifying the value of the digits in the answer as ones, tenths and hundredths</li> <li>count up and down in hundredths; recognise that hundredths arise when dividing an object by one hundred and dividing tenths by ten</li> </ul>	
<p><b>Science</b></p>	<p><b>States of Matter</b> Children will:</p> <ul style="list-style-type: none"> <li>group materials based on their state of matter (solid, liquid, gas)</li> <li>know how some materials can change state</li> <li>explore how materials change state</li> <li>measure the temperature at which materials change state</li> <li>know about the water cycle</li> <li>know the part played by evaporation and condensation in the water cycle</li> </ul> <p><b>Sound</b> Children will:</p> <ul style="list-style-type: none"> <li>know how sound is made</li> <li>know how sound travels from a source to our ears.</li> <li>know how sounds are made, associating some of them with vibrating</li> <li>know the correlation between pitch and the object producing a sound</li> <li>know the correlation between the volume of a sound and the strength of the vibrations that produced it</li> <li>know what happens to a sound as it travels away from its source.</li> </ul>	 <p>STATE OF MATTER</p> <p>SOLID      LIQUID      GAS</p> 

<p><b>History</b></p>	<p><b>Ancient Greece</b> The children will:</p> <ul style="list-style-type: none"> <li>• know about and talk about the struggle between the Athenians and the Spartans.</li> <li>• know about some of the things that the Greeks gave the world.</li> <li>• know that the Greeks were responsible for the birth of the Olympics</li> <li>• know that the Greeks were an important part of Greek culture</li> </ul>	
<p><b>Geography</b></p>	<p><b>European Study: Italy</b> The children will:</p> <ul style="list-style-type: none"> <li>• use maps to locate six European countries</li> <li>• know the countries of the European Union</li> <li>• know that the UK is no longer part of the European Union</li> <li>• locate and organise information about a European country</li> <li>• use maps and locate several European capitals.</li> <li>• know five differences between living in the UK and a Mediterranean country</li> <li>• discover Italian culture through food making.</li> </ul>	
<p><b>Music</b></p>	<p>Children will learn music with Mr Balzarano. <b>Stop!</b> Grime, classical, Bhangra, Tango, Latin fusion <b>Lean on me</b> Gospel</p>	
<p><b>Computing</b></p>	<p><b>Spreadsheets</b> Children will:</p> <ul style="list-style-type: none"> <li>• use 2Calculate to design a graph to solve a mathematical problem</li> <li>• present, format and analyse their data and information in a variety of ways and use their spreadsheets to solve and check mathematical problems and concepts</li> <li>• use the number formatting tools within 2Calculate to appropriately format numbers</li> <li>• add a formula to a cell to automatically make a calculation in that cell using the 'formula wizard'.</li> <li>• be fluent in copying and pasting contents between cell(s)</li> <li>• use spreadsheets to collate data and extract information from it to answer questions e.g. pupils can create line graphs and can use it to identify when something will happen using 2Calculate</li> </ul> <p><b>Writing for Different Audiences</b> Children will:</p>	



	<ul style="list-style-type: none"> <li>• use 2Connect and 2 Publish+ to create content linked to a 2Simulate scenario for a select audience</li> <li>• use the variety of software to make informed choices about the best way to present their information e.g. appropriate font and text formatting</li> <li>• be able to explain the purpose of the watermark/symbol on the photograph and can discuss where they might be used elsewhere across a range of digital content</li> <li>• alter font types, styles and sizes to suit an intended audience for digital content using 2Publish and incorporate, with ease, images from clipart banks and internet sources</li> </ul>	
PE	<p><b>Dance</b> Children will:</p> <ul style="list-style-type: none"> <li>• begin to develop their understanding of Canon and Unison in dance</li> <li>• consider their use of space and dance terminology.</li> </ul> <p><b><u>Gymnastics/Parkour</u></b> Children will:</p> <ul style="list-style-type: none"> <li>• continue to develop their ability to express their ideas through movement</li> <li>• learn to use Unison &amp; Canon whilst working independently in medium sized groups.</li> </ul>	
Art	<p><b>Digital Art</b> The children will:</p> <ul style="list-style-type: none"> <li>• know how to integrate digital images into artwork</li> <li>• know how William Morris developed his specific technique</li> <li>• know how to use photographs to help create digital art.</li> </ul>	
Design and Technology	<p><b>Textiles</b> The children will:</p> <ul style="list-style-type: none"> <li>• use ideas from other people when designing</li> <li>• produce a detailed step by step plan</li> <li>• suggest alternative plans outlining positive features and drawbacks</li> <li>• explain how a product will appeal to a specific audience</li> <li>• evaluate appearance and function against original criteria,</li> <li>• use a range of tools and equipment competently.</li> </ul>	
PSHE	<p>Children in Year 4 will learn about:</p> <ul style="list-style-type: none"> <li>• Hopes and Dreams</li> <li>• Overcoming disappointment</li> <li>• Creating new dreams</li> <li>• We did it</li> </ul>	

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|  | <ul style="list-style-type: none"><li>• Mindful smelling</li><li>• Mindful tasting</li><li>• Life Cycles</li><li>• Mindful movement</li><li>• Group dynamics</li><li>• Smoking</li><li>• Alcohol</li><li>• Celebrating my inner strength and assertiveness</li></ul> |  |
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