

# Y4 Autumn Overview

Writing		Maths	
<p><i>Genres covered:</i> Instructional Writing, Diary Entry, Narrative, Recount, Setting Description, Letter Writing, Poetry, Newspaper Report, Character Description, TV News report.</p> <p><i>Cross curricular:</i> Create a fact file about Anglo-Saxon life.</p> <p><i>Other focus:</i> Varied sentence openers, using a dictionary, legible fluent handwriting. Editing and correcting a piece of writing. Texts covered: How To Train Your Dragon (fiction) Dreamgiver (Film unit)</p>		<p><i>Objectives:</i> <b>Place Value</b></p> <ul style="list-style-type: none"> <li>-Represent numbers to 1,000</li> <li>-Partition numbers to 1,000</li> <li>-Number line to 1,000</li> <li>-Thousands</li> <li>-Represent numbers to 10,000</li> <li>-Partition numbers to 10,000</li> <li>-Flexible partitioning of numbers to 10,000</li> <li>-Find 1, 10, 100, 1,000 more or less</li> <li>-Number line to 10,000</li> <li>-Estimate on a number line to 10,000</li> <li>-Compare numbers to 10,000</li> <li>-Order numbers to 10,000</li> <li>-Roman numerals</li> <li>-Round to the nearest 10</li> <li>-Round to the nearest 100</li> <li>-Round to the nearest 1,000</li> <li>-Round to the nearest 10, 100 or 1,000</li> </ul> <p><b>Addition and subtraction</b></p> <ul style="list-style-type: none"> <li>-Add and subtract 1s, 10s, 100s and 1,000s</li> <li>-Add up to two 4-digit numbers – no exchange</li> <li>-Add two 4-digit numbers – one exchange</li> <li>-Add two 4-digit numbers – more than one exchange</li> <li>-Subtract two 4-digit numbers – no exchange</li> <li>-Subtract two 4-digit numbers – one exchange</li> <li>-Subtract two 4-digit numbers – more than one exchange</li> <li>-Efficient subtraction</li> </ul>	
<b>SPAG</b>			
<p><i>Objectives:</i></p> <ul style="list-style-type: none"> <li>-Use capital letter for names and beginning of sentences and full stops</li> <li>-Fronted Adverbials</li> <li>-Singular and Plural Nouns</li> <li>-Pronoun</li> </ul>		<ul style="list-style-type: none"> <li>-Prepositions to Express Time and Cause</li> <li>-Plural and Possessive ‘-s’</li> <li>-Commas</li> <li>-Compound Words</li> <li>-Adverbs to Express Time and Cause</li> <li>-Determiners</li> </ul>	
<b>Spelling</b>			
<p><i>Objectives:</i></p> <ul style="list-style-type: none"> <li>-Homophones</li> <li>-Prefix in-/il-/im-/ir-</li> <li>-Prefix sub-</li> <li>-Prefix inter-</li> </ul>		<ul style="list-style-type: none"> <li>-Suffix –ation to form nouns</li> <li>-Words ending in -ly/-lly</li> <li>-‘sh’ sound spelled ‘ch’</li> <li>-Challenge Words</li> </ul>	
<b>Reading</b>			
<p><i>Texts covered:</i> How To Train Your Dragon (fiction), The Princess and the Pea (Write Stuff Unit), Dreamgiver (Film Unit)</p> <p><i>Objectives:</i></p> <ul style="list-style-type: none"> <li>-Predict what might happen from details stated and implied</li> <li>-Drawing inferences, such as inferring characters’ feelings, thoughts and motives from their actions, and justifying inferences with evidence</li> <li>-Making comparisons with and across books</li> <li>-Participating in discussions about books, explaining their understanding of what they have read and provide reasoned justification for their views.</li> </ul>			

- Estimate answers
- Checking strategies

**Measurement: Area**

- What is area?
- Counting squares
- Make shapes
- Compare area

**Multiplication and division**

- Multiples of 3
- Multiply and divide by 6
- 6 times-table and division facts
- Multiply and divide by 9
- 9 times-table and division facts
- The 3, 6 and 9 times-tables
- Multiply and divide by 7
- 7 times-table and division facts
- 11 times-table and division facts
- 12 times-table and division facts
- Multiply by 1 and 0
- Divide a number by 1 and itself
- Multiply three numbers

## Geography

### Where does our food come from?

- Understand how our food choices can impact the environment.
- Describe what it means to trade responsibly.
- Describe how we get our chocolate.
- Know where our food comes from: Map and calculate the distance food has travelled.
- Know how our school dinners are sourced.
- Discuss the advantages and disadvantages of buying both locally and imported food.

## History

### How hard was it to invade and settle in Britain?

- Understand why the Anglo-Saxons invaded Britain.
- Identify the features of Anglo-Saxon settlements and how they changed from prehistoric times.
- Understand what Sutton Hoo tells us about Anglo-Saxon life.
- Understand how Anglo-Saxons converted to Christianity.
- Create an interpretation of Alfred the Great.
- Understand how the Anglo-Saxon rule came to an end.

## PE

### Hockey

- I can delay an opponent and help to prevent the other team from scoring.
- I can dribble, pass, receive and shoot the ball with increasing control.
- I can move to space to help my team to keep possession and score goals.
- I can provide feedback using key terminology and understand what I need to do to improve.
- I can use simple tactics to help my team score or gain possession.
- I share ideas and work with others to manage our game.
- I understand the rules of the game and I can use them often and honestly.

### OAA

- I can accurately follow and give instructions.
- I can confidently communicate ideas and listen to others.
- I can identify key symbols on a map and use a key to help navigate around a grid.
- I can plan and apply strategies to solve problems.

### Football

- I understand the rules of the game and I can use them often and honestly.
  - I can delay an opponent and help to prevent the other team from scoring.
  - I can dribble, pass, receive and shoot the ball with increasing control.
  - I can move to space to help my team to keep possession and score goals.
  - I can provide feedback using key terminology and understand what I need to do to improve.
  - I can use simple tactics to help my team score or gain possession.
  - I share ideas and work with others to manage our game.
- ### Fitness
- I can collect and record my scores and identify areas I need to improve.
  - I can use key points to help me to improve my sprinting technique.

	<ul style="list-style-type: none"> <li>-I can reflect on when and why I was successful at solving challenges.</li> <li>-I can work collaboratively and effectively with a partner and a small group.</li> </ul> <p><b><u>Swimming</u></b></p> <ul style="list-style-type: none"> <li>-Swim competently, confidently and proficiently over a distance of at least 25 metres.</li> <li>-Use a range of strokes effectively [for example, front crawl, backstroke and breaststroke].</li> <li>-Perform safe self-rescue in different water-based situations.</li> </ul>	<ul style="list-style-type: none"> <li>-I share ideas and work with others to manage activities.</li> <li>-I show balance when changing direction at speed.</li> <li>-I show control when completing activities to improve balance.</li> <li>-I show determination to continue working over a period of time.</li> <li>-I understand there are different areas of fitness and that each area challenges my body differently.</li> </ul>
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Science	RE / PSHE
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<p><b><u>Electricity and circuits</u></b></p> <ul style="list-style-type: none"> <li>-Recognise how electrical appliances are powered.</li> <li>-Work scientifically: To record and classify qualitative data.</li> <li>-Know how to construct an electrical circuit.</li> <li>-Work scientifically: To draw a scientific diagram.</li> <li>-Investigate what affects bulb brightness.</li> <li>-Know how to be safe around electricity.</li> </ul> <p><b><u>Animals: Digestion and food</u></b></p> <ul style="list-style-type: none"> <li>-Describe the function of the human digestive system.</li> <li>-Recognise the different types of human teeth and their roles in eating.</li> <li>-Explain how to care for our teeth.</li> <li>-Recognise that differences in teeth relate to and animal’s diet.</li> <li>-Working scientifically: To classify animals based in their diet.</li> <li>-Recognise producers, predators, and prey in food chains.</li> <li>-Recognise that animal’s poo can give us clues about digestion, teeth, and diet.</li> </ul>
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<p><b><u>Are all religions equal?</u></b></p> <ul style="list-style-type: none"> <li>-Recognise that there are many connections between religious worldviews.</li> <li>-Explain similarities and differences in how people understand God.</li> <li>-Identify how some Sikh beliefs and practices reflect ideas about religious equality.</li> <li>-Determine how Bahá’í teachings influence some practices.</li> <li>-Express ideas about religious equality and harmony.</li> </ul> <p><b><u>Family and Relationships</u></b></p> <ul style="list-style-type: none"> <li>-Understand that manners vary in different situations.</li> <li>-Understand boundaries in friendships, including physical and emotional boundaries and expectations.</li> <li>-Understand that what they do and say affects other people.</li> <li>-Understand the impact of bullying and the role bystanders can take.</li> <li>-Explore stereotypes in fictional characters and think about how these might influence us.</li> <li>-Recognise that stereotypes can relate to several factors.</li> <li>-Begin to understand that families are varied, in this country and across the world.</li> <li>-Explore how we can help following a bereavement</li> </ul>
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**Health and Wellbeing**

- Understand how we can look after our teeth.
- Understand what relaxation feels like.
- Develop a growth mindset and understand that mistakes are useful.
- Identify own strength and begin to see how they can affect others.
- Identify what is important to me and to take responsibility for my own happiness.
- Understand a range of emotions.
- Begin to understand what mental health is and who can help if I need it.

**Computing**

**Coding:**

- Design, Code, Test and Debug
- If Statements
- Co-ordinates
- Repeat Until and IF/ELSE Statements
- Number Variables
- Making a Playable Game

**Internet Safety:**

- Going Phishing
- Beware Malware
- Plagiarism
- Healthy Screen-Time

**Art**

**Drawing: Power Prints**

- Draw using tone to create a 3D effect.
- Explore proportion and tone when drawing.
- Plan a composition for a mixed-media drawing.
- Use shading techniques to create pattern and contrast.
- Work collaboratively to develop drawings into prints.

**Collage**  
Creating a collage (linked to English 'Princess and the Pea')

**Design Technology**

**Electrical systems: Torches**  
(Links to Science: electricity and circuits)

- Learn about electrical items and how they work.
- Analyse and evaluate electrical products.
- Design a torch to fit a set of specific user needs.
- Make and evaluate a torch.

**Cooking and nutrition: Adapting a recipe**  
(Links to Science: Animals: Digestion and food)

- Follow a baking recipe.
- Make and test a prototype.
- Design a biscuit to a given budget.
- Make a biscuit that meets a given design brief.

Music	MFL
<p><b><u>Rock and Roll</u></b></p> <ul style="list-style-type: none"><li>-Understand the history of rock and roll music.</li><li>-Perform with a sense of style.</li><li>-Play a walking bass line on tuned percussion.</li><li>-Play a rock and roll bass line.</li><li>-Play a rock and roll piece of music.</li></ul>	<p><b><u>French</u></b></p> <p>Ask and answer questions on several topics.</p> <p>Read and understand a range of familiar written phrases.</p> <p>Know about some aspects of everyday life and compare them to their own.</p>