

# Year 3 Curriculum Plan



	AUTUMN	SPRING	SUMMER
MATHS	<p>White Rose Planning Units                      Abacus Active Learn Resources                      Busy Ant Text Book                      Target Your Maths                      Maths No Problem                      Maths Whizz Online Tutor</p> <p>1-1 same day/group intervention as needed</p> <p><b>PLACE VALUE</b>                      Hundreds                      Represent numbers to 1,000                      100s, 10s and 1s                      Number line to 1,000                      Find 1, 10, 100 more or less than a given number                      Compare numbers to 1,000                      Order numbers                      Count in 50s</p> <p><b>ADDITION AND SUBTRACTION</b>                      Add and subtract multiples of 100                      Add and subtract to or from 3-digit numbers (ones, tens, hundreds)                      Add two 3-digit numbers – crossing 10 or 100                      Subtract a 3-digit number from a 3-digit number                      Estimate answers to calculations</p>	<p>White Rose Planning Units                      Abacus Active Learn Resources                      Busy Ant Text Book                      Target Your Maths                      Maths No Problem                      Maths Whizz Online Tutor</p> <p>1-1/group intervention as needed</p> <p><b>MULTIPLICATION AND DIVISION</b>                      Multiplication – equal groups                      Multiplying by 3 Dividing by 3                      Multiplying by 8 Dividing by 8                      Comparing statements                      Related calculations                      Multiply 2-digits by 1-digit                      Dg by 4 Dividing by 4 Mivide 2-digits by 1-digit                      Scaling                      How many ways</p> <p><b>PERIMETER</b>                      Measuring and calculating the perimeter of different figures.</p> <p><b>PROPERTIES OF SHAPES</b>                      2D and 3D shapes.                      Regular and irregular shapes.                      Properties of shapes.</p>	<p>White Rose Planning Units                      Abacus Active Learn Resources                      Busy Ant Text Book                      Target Your Maths                      Maths No Problem                      Maths Whizz Online Tutor</p> <p>1-1/group intervention as needed</p> <p><b>MONEY</b>                      Pounds and pence                      Converting pounds and pence                      Adding money                      Subtracting money                      Giving change</p> <p><b>FRACTIONS</b>                      Unit and non-unit fractions.                      Fractions of numbers and quantities.                      Equivalent fractions.                      Mixed number fractions.                      Adding fractions.</p> <p><b>STATISTICS</b>                      Pictograms                      Bar Charts                      Tables</p> <p><b>TIME</b>                      Analogue, digital and words.                      O'clock, half past, quarter past and quarter to.                      Reading the time to 5 minutes/1 minute.                      Time durations.</p>

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## ENGLISH

### Read...Explore...Write...

Whole Class Reading:  
 Daisy and the Trouble with Zoos  
 Daisy and the Trouble with Christmas  
 Polly and the Wolf  
 The Explorer Katherine Rundell (advanced reading),  
 Journey to the river sea – Eva Ibbotson  
 Running Wild -Michael Morpurgo

The Great Kapok Tree - Lynne Cherry.

### Zeraffa Giraffa

Descriptive writing – journey down the River Nile  
 Postcard  
 Party Invite  
 Letter  
 Giraffe Fact file

### Wordsmith e-book – Was Tutankhamen Killed?

Letter writing  
 Explanation text to be written in response to the Big Question.

### Read...Explore...Write...

Whole Class Reading:  
 Cornflake the Dragon  
 The Boy Who Grew Dragons  
 Jake Cake  
 George and the Dragon  
 Stone Age Boy  
 The Cave Baby

### Dragon Slayer

Retell story of St George  
 Compare the features of legends and myths.  
 Dragon story  
 Acrostic poem  
 Written work for class assembly.

### Little nose

Write a diary.  
 Comprehensions.  
 Dialogue  
 Write a play script

### The Easter story

Re telling the Nativity

### WeeklyEGPS (spelling, punctuation and grammar).

See additional Spring Spelling Plan.

### Public Speaking Competition

### Read...Explore...Write...

Whole Class Reading:

Ottoline and the Yellow Cat

### Wordsmith e-book -Where in the World?

Bear Grylls **The Earthquake Challenge**

Horrible Geography Earth Shattering Earthquakes

Letter writing  
 Instructions

### Ottoline

Postcard  
 Description of Mr Munroe  
 Lost poster

### Poetry Unit

Calligrams  
 Rhyme and rhythm  
 Class poem

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	<p><b>The Christmas story</b>          Re telling The Nativity          Read, write, perform – Letter to Santa</p> <p><b>Weekly EGPS (spelling, punctuation and grammar).</b>          See additional Autumn Spelling Plan.</p> <p><b>Response to Live Theatre</b></p>		<p><b>Weekly EGPS(spelling, punctuation and grammar).</b>          See additional Summer Spelling Plan.</p>
<p><b>SCIENCE</b></p>	<p><b>Animals including Humans – How can Usain Bolt move so quickly?</b>          Identify that animals, including humans, need the right types and amounts of nutrition.</p> <p><b>Light – How far can you throw your shadow?</b>          Recognise that light is needed in order to see and that dark is the absence of light.</p>	<p><b>Rocks – What do rocks tell us about the way the earth was formed?</b>          Compare and group together different kinds of rocks on the basis of their appearance and simple physical properties.</p> <p><b>Forces and Magnets – Are you attractive enough?</b>          Observe how magnets attract / repel each other, and attract some materials but not others.</p>	<p><b>Plants – How did that blossom become an apple?</b>          Identify and describe the functions of different parts of flowering plants: roots, stem, leaves and flowers.</p>
<p><b>COMPUTING</b></p>	<p><b>Introduction to computers</b>          Logging on/off          Using a keyboard          Saving work          Using word/textease          Developing a responsible use of computing devices and their contents.</p>	<p>Switched on Computing that can be supplemented with iPad / PC</p> <p><b>We are presenters 3.3</b>  <i>Videoing performance</i></p> <p><b>We are network engineers 3.4</b>  <i>Exploring computer networks,</i></p>	<p>Switched on Computing that can be supplemented with iPad / PC</p> <p><b>We are communicators 3.5</b>  <i>Communicating safely on the internet</i></p> <p><b>We are opinion pollsters 3.6</b></p>

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	<p><b>Online Safety</b>          Lee and Kim (see Online Safety folder)  <a href="https://www.youtube.com/watch?v=vmqNg-7QrDk">https://www.youtube.com/watch?v=vmqNg-7QrDk</a>          Children create Online Safety Poster</p>	<p><i>including the internet</i></p> <p><b>Online Safety</b>          Welcome to Hector's World  <a href="https://www.thinkuknow.co.uk/5_7/hectorsworld/">https://www.thinkuknow.co.uk/5_7/hectorsworld/</a>          Colouring in sheets or puzzles</p>	<p><i>Collecting and analysing data</i></p> <p><b>Online Safety</b>          Intellectual Property          Logo Mania (Nancy and the Meerkats: Nancy's Musical Box)  <a href="https://www.youtube.com/watch?v=ttl2qu5nRc">https://www.youtube.com/watch?v=ttl2qu5nRc</a></p>
<p><b>HISTORY</b></p>	<p><b>Ancient Egypt</b>          What were the wonders of Ancient Egypt?</p>	<p><b>Stone Age – (Bronze Age) - to Iron Age</b>          How did the lives of ancient Britons change during the Stone Age?</p> <p>What is the secret of the standing stones?</p> <p>How do artefacts help us understand the lives of the people in Iron Age Britain?</p> <p><b>Visit to Creswell Crags &amp; History Van in school</b></p>	
<p><b>GEOGRAPHY</b></p>	<p><b>Jungles (South America)</b>          Why are jungles so wet and deserts so dry?</p>		<p><b>Earthquakes</b>          Why do the biggest earthquakes not always cause the most damage?</p> <p><b>North America</b>          Beyond the Magic Kingdom:</p>

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			What is the Sunshine State really like?
PE	<p><b>Real PE</b> – Unit 1 Personal Unit 2 Social</p> <p><b>Attacking and Defending – Invasion Games</b> To develop and apply FMS skills to games and competitions. Plan and demonstrate tactics for attacking and defending. To accept losing.</p>	<p><b>Real PE</b> – Unit 3 Cognitive Unit 4 Creative</p> <p><b>Attacking and Defending – Invasion Games</b> To develop and apply FMS skills to games and competitions. Plan and demonstrate tactics for attacking and defending. To accept losing.</p> <p><b>Dance</b> To compose own dances in a creative way. To perform to an accompaniment. To develop dance that shows clarity, fluency, accuracy and consistency.</p> <p><b>Outdoor and Adventurous</b></p> <ul style="list-style-type: none"> <li>• <b>School based.</b></li> </ul> <p>To follow a map in a familiar context. To use clues to follow a route. To follow a route safely.</p>	<p><b>Real PE</b> – Unit 5 Physical Unit 6 Health and Fitness</p> <p><b>Striking and Fielding</b> Play competitive games. Develop an understanding of how to improve in physical activities and sports. Communicate, collaborate and compete with each other.</p> <p><b>Gymnastics</b> To adapt sequences to suit different types of apparatus and criteria. To explain how strength and suppleness affect performance. To compare and contrast gymnastic sequences.</p>
RE	<p>Key Question 1 about beliefs: <b>What do different people believe about God?</b></p> <p>Key Question 2 about beliefs: <b>Why is</b></p>	<p>Key Question 3 about expressing beliefs: <b>What is the purpose and value of a sacred space?</b> (Church visit)</p>	<p>Key Question 4 about demonstrating beliefs: <b>What do religions teach about the natural world and why should we care about it?</b></p>

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	<p><b>Easter (or Christmas) so important for Christians?</b></p> <p>Range of challenge questions linked to British Values and World Religions</p>		<p>Cultural Diversity Day Focus Work – <b>What do I know about my culture?</b></p> <p>Derby Open Centre</p>
<p><b>FRENCH</b></p>	<p>Unit 1: Moi (All about me) Unit 2: Jeux et chansons (songs and games)</p>	<p>Unit 3: On fait la Fête (Celebrations) Unit 4: Portraits (Portraits)</p>	<p>Unit 5: Les quatres amis (The Four Friends) Unit 6: Ça pousse! (Growing things)</p>
<p><b>MUSIC</b></p>	<p>Children will be taught to sing and play musically with increasing confidence and control. They will develop an understanding of musical composition, organising and manipulating ideas within musical structures and reproducing sounds from aural memory ready for a class performance to parents at the end of the term and at Christmas as an ensemble, using their voices with increasing accuracy, fluency, control and expression.</p> <p>Children will listen with attention to detail and recall sounds with increasing aural memory.</p>	<p>Children will have the opportunity to appreciate and understand a wide range of high-quality live and recorded music drawn from different traditions and from great composers and musicians through 'Music of the Week' including Ten Pieces and Young Voices.</p> <p>Teaching recorders – introduce notation, rhythm and basics of playing the recorder.</p>	<p>Children will develop an understanding of the history of music</p> <p>Children will begin to use and understand staff and other musical notations through recorder lessons.</p>

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<p><b>PSHE</b></p>	<p>PSHE Matters</p> <p>TERM 1 Being Healthy Lower KS2</p> <p>TERM 2 Difference and Diversity Lower KS2</p>	<p>Term 3 Exploring Emotions Lower KS2</p> <p>TERM 4 Relationships Lower KS2</p> <p>NSPCC Speak Out</p> <p>Road Safety Workshops</p>	<p>TERM 5 Being Responsible Lower KS2</p> <p>TERM 6 Bullying Matters Lower KS2</p> <p>Open Water Safety Workshops &amp; RNLI Workshops</p>
<p><b>ART</b></p>	<p>Create sketch books to record their observations and use them to review and revisit ideas</p> <p><b>Could we be book illustrators?</b></p> <p><b>What will make our rainforest stand out?</b></p> <p><b>Specific drawing, painting (including colour mixing) and sculpture techniques to create:</b></p> <p>Jazzy giraffes using a mixture of mediums – chalk, pastel, paint, cardboard</p> <p>Sketching still life - Jason Heppenstall or artist on rotation</p> <p>Giraffe puppets or framed hessian sewing.</p>	<p>Use sketch books to record their observations and use them to review and revisit ideas</p> <p><b>Specific drawing, painting (including colour mixing) and sculpture techniques to create:</b></p> <p>Papier mache Earth</p> <p>Jagged and smooth patterns</p> <p>Claywork – rolling balls in order to make a thumb-pot and decorate by pressing in objects for texture</p> <p>Felt cave men</p>	<p>Use sketch books to record their observations and use them to review and revisit ideas</p> <p><b>Specific drawing, painting (including colour mixing) and sculpture techniques to create:</b></p> <p>Hot and cold colours pictures</p> <p>Understand primary colours inspired by Piet Mondrian</p> <p><b>Great artists and designers in history:</b></p> <p>Piet Mondrian inspired art</p>

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The Boy, the Mole, the Fox and the Horse inspired illustrations. (Charlie Mackesy). Clever Polly colour mixing book covers.

Felucca Art

Tutankhamun foil art or mask creations with mixed media.

Marbling and bubble art creating water with vocabulary of jungles and the water cycle.

3D Jungle Art with modelling clay.

Christmas cards art work – whole school theme.

Nativity art work – shoe box art

**Great artists and designers in history:**

**Tiger in a Tropical Storm H. Rousseau study**

**Great artists, architects and designers in history:  
Orla Kierly**



G. Seurat inspired art





# Year 3 Curriculum Plan



D&T

**Food Technology**

KNEX WORKSHOPS

Pneumatic Dragon Challenge: I  
**Can Create a Pneumatic Monster  
using air pressure!**