



YEAR 5 CURRICULUM

Autumn Term 1 7 Weeks	Autumn Term 2 7 Weeks
ENGLISH	
LITERACY FOCUS TEXT – Queen of the Falls by Chris Van Allsburg	
<div data-bbox="353 507 595 855" data-label="Image"> </div> <p data-bbox="300 863 636 970">Mastery keys (year group national curriculum expectations)</p> <p data-bbox="300 1023 618 1090">Identify the audience for and purpose of writing</p> <ul data-bbox="300 1102 654 1369" style="list-style-type: none"> · Organise paragraphs around a theme with a focus on more complex narrative structures · Use commas after fronted adverbials · Use commas to clarify meaning or avoid ambiguity in writing 	<div data-bbox="1211 496 1496 826" data-label="Image"> </div> <p data-bbox="1227 842 1554 949">Mastery keys (year group national curriculum expectations)</p> <p data-bbox="1133 1002 1460 1150">Extend the range of sentences with more than one clause by using a wider range of conjunctions (Y4)</p> <ul data-bbox="1133 1161 1464 1385" style="list-style-type: none"> · Link ideas across paragraphs using adverbials of time, place and number · Use relative clauses · Use brackets, dashes or commas to indicate parenthesis



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MATHS					
Number: Place value 3 weeks	Number: Addition and Subtraction 2 weeks	Statistics 2 weeks	Number - Multiplication and division 2 weeks	Measurement: Perimeter and area 2 weeks	Consolidation 1 week
<ul style="list-style-type: none"> ▪ Numbers to 10,000 ▪ Roman numerals to 1,000 ▪ Rounding to the nearest 10, 100 and 1000 ▪ Numbers to 100,000 ▪ Compare and order numbers to 100,000 ▪ Round numbers within 100,000 ▪ Numbers to a million ▪ Counting in 10s, 100s, 1000s, 10,000s and 100,000s ▪ Round numbers to 1,000,000 ▪ Negative numbers 	<ul style="list-style-type: none"> ▪ Adding whole numbers with more than 4-digits (column method) ▪ Subtracting whole numbers with more than 4 digits (column method) ▪ Round to estimate and approximate ▪ Using inverse operations (addition and subtraction) ▪ multi-step addition and subtraction problems 	<ul style="list-style-type: none"> ▪ Read and interpret line graphs ▪ Draw line graphs ▪ Use line graphs to solve problems ▪ Read and interpret tables ▪ Two-way tables ▪ Timetables 	<ul style="list-style-type: none"> ▪ Multiples ▪ Factors ▪ Common factors ▪ Prime numbers ▪ Squares ▪ Cubes ▪ Multiplying whole numbers by 10, 100 and 1000 ▪ Dividing whole numbers by 10, 100 and 1000 ▪ Multiples of 10, 100 and 1000 	<ul style="list-style-type: none"> • Measure perimeter • Calculate perimeter • Area of rectangles • Area of compound shapes • Area of irregular shapes 	



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SCIENCE

Properties and Changes of Materials

- Compare and group together everyday materials on the basis of their properties, including their hardness, solubility, transparency, conductivity (electrical and thermal), and response to magnets
 - Know that some materials will dissolve in liquid to form a solution, and describe how to recover a substance from a solution
 - Use knowledge of solids, liquids and gases to decide how mixtures might be separated, including through filtering, sieving and evaporating
 - Give reasons, based on evidence from comparative and fair tests, for the particular uses of everyday materials, including metals, wood and plastic
 - Demonstrate that dissolving, mixing and changes of state are reversible changes
- Explain that some changes result in the formation of new materials, and that this kind of change is not usually reversible, including changes associated with burning and the action of acid on bicarbonate of soda.

GEOGRAPHY

Rivers

- Features of a river
- Identification of river features (in UK and USA)
- Physical and human geography of a region in the USA (Great Lakes)
- Mapwork skills
- Fieldwork - local area - uses of a river

DESIGN TECHNOLOGY

Building a horse drawn cart

Design: Use research and develop design criteria to inform the design of a functional cart that is fit for purpose. Generate, develop, model and communicate ideas through discussion, annotated sketches, cross-sectional and exploded diagrams, prototypes, pattern pieces and computer-aided design.

Make: Select from and use a wider range of materials and components, including construction materials, textiles and ingredients, according to their functional properties and aesthetic qualities

Evaluate: Evaluate their ideas and products against their own design criteria and consider the views of others to improve their work.

Technical Knowledge: apply their understanding of how to strengthen, stiffen and reinforce more complex structures



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COMPUTING	MUSIC
<ul style="list-style-type: none">• E -Safety; Private and personal information;• Digital Citizenship; Internet Research;• Programming - concepts include sprites, conditionals and loops.	Rock anthems - <i>Livin' on a Prayer</i> Jazz and Improvisation - <i>Classroom Jazz 1</i>
PE	ART
Invasion games and gymnastics	Pencil drawings - looking at the work of Chris Van Allsburg Experimenting with tone and shading
RELIGIOUS EDUCATION	PSHE
The Christian Principle of Grace. Christmas Islam - the importance of respect.	Friendship, positive relationships, tolerance and respect, SMSC and British Values
MFL	
Year A: Time (hour, half hour, quarter hour); School (names of places, differences, subjects) Year B: Months, Seasons & Weather	