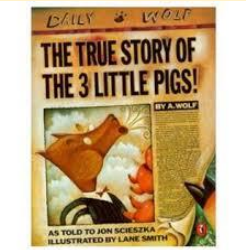
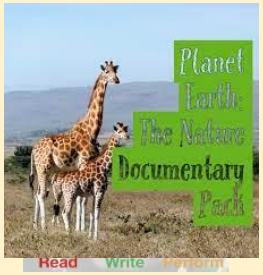
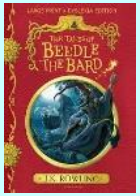
Long Term Scheme of Learning

Lower Key Stage Two Year 4

Barley Fields Primary School

	Autumn		Spring		Summer	
	Autumn 1	**Autumn 2**	**Spring 1**	**Spring 2**	**Summer 1**	**Summer 2**
English	**Villains** **Main Writing Text Type** • Descriptive writing – character and setting description • Police Report – Character Description and Incident Report (Recount) **Villainous Speech** **Main Writing Text Type** • Villainous speech	**Invaders and Settlers** **Main Writing Text Type** • A persuasive house advertisement **Coming Home** **Main Writing Text Type** • Narrative – retelling of a journey from the point of view of the Robin **Short Burst Writing** • Story timelines • Setting description • Mind map **He's a mean one, Mr Grinch** **Main Writing Text Type** Magazine interview	**Fairy Tale Twists**  **Main Writing Text Type** • Twisted Fairy Tale **Short Burst Writing** • Newspaper report • News bulletin **Climate Change** **Main Writing Text Type:** • Feature for a school Newsletter – Information with Explanation **Short Burst Writing** • Persuasive posters	 **Planet Earth** **Main Writing Text Type:** • Documentary Narrative **Short Burst Writing** • Biography – David Attenborough **The Jabberwocky** **Main Writing Text Type:** • Nonsense Poetry	 **Sports Manager** **Main Writing Text Type:** • Motivational Speech linked to a current sporting event **Shouty Man** **Main Writing Text Type:** • Persuasive Speech **The Water Cycle** **Main Writing Text Type** • First Person Recount information leaflet	**The Tale of The Three Brothers – The Beadle and the Bard**  **Main Writing Text Type:** • Narrative recount - a story form an alternative viewpoint **Short Burst Writing** • diary entry - personal recount • spells and wishes

Mathematics

Number - Place Value

Numbers to 10,000, rounding to nearest 10 and 100, counting in 1000s and representing numbers to 10,000
Portioning numbers into 1000s, 100s, 10s and 1s
Finding 1, 10 and 100 more/less
Compare 4-digit numbers and order numbers up to 4 digits
Negative numbers
Roman numerals

(3 weeks)

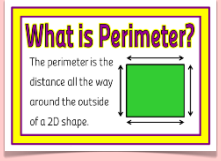
Number – Addition and Subtraction

Add and subtract to up to 4 digits crossing 10 and 100
Add two 4-digit numbers with one exchange
Subtract 3- and 4-digit numbers with and without exchanging
Consolidate efficient calculation strategies for addition and subtraction

(4 weeks)

Measures – Length and Perimeter

Recognise and calculate equivalent lengths using mm, cm and m
Understand and measure in km
Add and subtract lengths
Measure perimeter on a grid, calculate the perimeter of rectangles and rectilinear shapes



(2 weeks)

Measures – Area

What is area, calculate area by counting squares, make and compare the area of shapes

(1 week)

Number – Multiplication and Division

Multiplication by 10, 100
Division by 10 and 100
Multiply and divide by 1
3x table, Multiply and divide by 3
6x table, multiply and divide by 6
9x table, multiply and divide by 9
7x table, multiply and divide by 7

Number – Multiplication and Division

Multiply 2 digits by 1 digit, 3 digits by 1 digit
Divide 2 digits by 1 digit, divide 3 digits by 1 digit

(3 weeks)

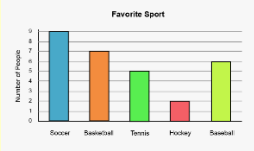
Measures – Time

Tell the time to 5 minutes, use am and pm and understand the 24-hour clock
Know days, weeks, months and years
Convert analogue to digital time – 12 hours
Convert analogue to digital time – 24 hours

(2 weeks)

Statistics – Data

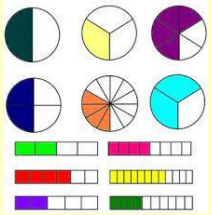
Interpret information from a range of charts – bar, pictogram and tally
Introduce line graphs and interpret data from line graphs



(2 weeks)

Number –Fractions

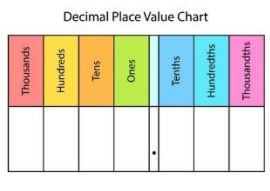
Recognise equivalent fractions, recognise fractions greater than 1 and count in fractions
Add fractions
Subtract fractions
Subtract fractions from whole amounts
Find a fraction of a set/quantity



(2 weeks)

Number – Decimals

Recognise tenths and hundredths and tenths as decimals, on a place value grid and on a number line
Divide 1-digit numbers by 10, divide 2-digit numbers by 10
Recognise 100ths, as decimals and on a place value grid
Making a whole, read and write decimals and compare decimal amounts
Order decimals
Round decimals to the nearest whole number
Recognise halves and quarters as decimal amounts



(3 weeks)

Measurement -Time

Months and years, hours in a day, telling the time to 5-minute intervals, using am and pm, 24-hour clock, measuring time in seconds, using start and end times to calculate duration

(3 weeks)

Number –Fractions

Making a whole,
Recognise and count in tenths
Position fractions on a number line, fractions of a set

Geometry – Position and Direction

Turns and angles, right angles in shapes, horizontal and vertical lines, parallel and perpendicular lines, create 3 D shapes

(2 weeks)

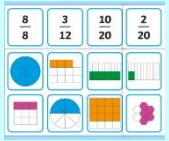
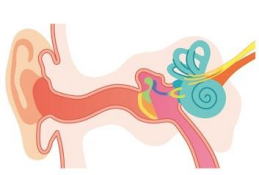
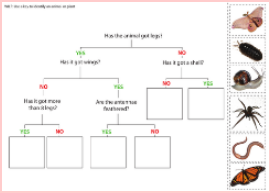
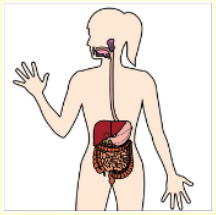
Measures – Temperature

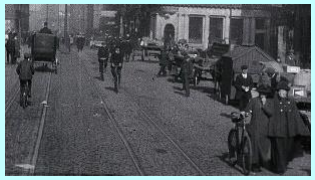
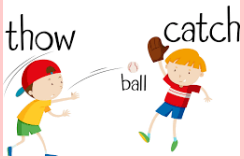
Understand what temperature measures, measure temperature in °C

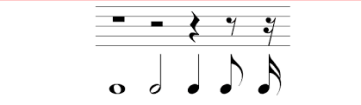
1 week)

Measures – Capacity

Measure amounts using ml and litres, add and subtract capacity (2 weeks)

		 (4 weeks)			*of objects, equivalent fractions, compare and order fractions* *Add and subtract fractions with the same denominator* 	
Science	Sound Making and Changing Sound 	Living things and their Habitats Living in Environments 	Animals including Humans Eating and Digestion 	Electricity Circuits and Conductors 	Materials States of Matter 	Scientists and Inventors
Computing	 Data Handling	 Presentations	 Go Sprite Go	 Robot Controller/Engineering Expert	 Virtual Tours	 Internet and Hardware Inspectors
Digital Literacy	 					

History	vs Battles in the past Vikings vs Anglo Saxons		 Historical turning point - Why did Henry VIII marry 6 times?		 The Railway Revolution (local depth study)	
Geography	 **Awareness of Location and Place** Local Field Study - Village Settlers		 **Physical Geography Study** What is Climate Change?		 **Mapping Skills** Our European Neighbours	
P.E.	 Games – Throwing and Catching	 Athletics - Running and Jumping	 Dance – Dance and Movement	 Health-related Exercise	 Games – Striking and Fielding – Cricket	 Outdoor Athletics – Running and Jumping
	 Gymnastics – Balance, Agilty and Coordination	 Games – Attacking and Defending - Netball	 Gymnastics – Balance, Agilty and Coordination	 Games – Net and Wall – Tennis/Badminton	 Games – Attacking and Defending – Rugby	 Dance – Dance and Movement

MFL	 Jeux et Chansons 2	 Mon Anniversaire	 Je Peux, Je Veux et Je Voudrais
Music	 Duration Stave rhythm notation Untuned instruments Appraisals with comparisons Christmas Production Composer Study -Dvorak	Dynamics Crescendo / Dimminuendo Tuned instruments Appraisals with comparisons Composer Study - – Terje Isungset	Tempo Accelerando / Ritardando Sight Reading Untuned instruments - Performance Appraisals with comparisons Celebration Assembly Composer Study – David Bowie
Art	 Pop Art Movement – Yayoi Kusama	 The Tudors	 William Morris and Victorian Art
DT	 Mechanical Systems – Levers and Linkages Unit 1 - Moving Monsters	 Electrical Systems Uniit 2 - Torches	 Food Unit 3 - American Food

RE	Festivals What is Divali and why is it important?	Festivals What is the *Big Story* of Christmas?	Places of Worship What is a Mosque and why is it important?	Beliefs & Practices What actually happened at Easter?	Beliefs and Practices What do Buddhists believe?	Beliefs and Practices What is life like for Muslims in Britain and around the world?
PSHE	Think Positively 	Safety First 	VIPs	Growing Up 	Respecting Rights unicef UNITED KINGDOM RIGHTS RESPECTING SCHOOLS	One World
RSE	The changing adolescent body and the human lifecycle 		 What is puberty?		 	Healthy Relationships