Y6 Curriculum Overview 2019/2020

_	Autumn		Spring		Summer	
	Topic: India	Topic: Ancient Greeks	Topic: Pig Heart Boy	Topic: Pig Heart Boy	Topic: History of London & the UK	Topic: History of London & the UK
	Class Text: Cloud Tea Monkeys	Class Text: The Adventures of Odysseus	Class Text: Pig Heart Boy	Class Text: Pig Heart Boy	SATs	Class Text: The London Eye Mystery
	Topic Focus:	Topic Focus:	Topic Focus:	Topic Focus:	Topic Focus:	
	Geography	History	Science	Science	Art/DT	Topic Focus:
	Hook:	Hook:	Hook:		Hook:	Art/DT
	Tea Tasting	Greek Meal	Heart Dissection		London Trip	
	Reports	Story writing	Discussion & Argument	Persuasive	Poetry	Recounts
	-Plan writing by noting and	-Plan, draft and write	-Plan writing by noting and	-Plan writing by noting	-Confidently perform own	- Use organisational and
	developing ideas, drawing	narrative through reasoned	developing ideas, drawing	and developing ideas,	compositions, using	presentational/layout devices
	on reading and research.	consideration of how	on reading and research.	drawing on reading and	appropriate intonation,	to structure text and guide the
	-Use organisational and	authors develop characters,	-Link ideas using cohesive	research.	volume and movement so that	reader (e.g. heading, bullet
	presentational/layout	settings and atmosphere.	devices;	-Link ideas using	meaning is clear.	point etc.)
	devices to structure text	-Integrate dialogue to	-Distinguish between the	cohesive devices.	-Describing settings,	-Use the passive voice to
	and guide the reader (e.g.	advance the action.	language of speech and	-Distinguish between the	characters and atmosphere.	present information.
	heading, bullet point etc.)	-Link ideas using cohesive	writing and choosing the	language of speech and		
	-Understand and use	devices; repetition of words	appropriate register.	writing and choosing the		
lish	vocabulary to show informal	or phrases, grammatical	-Manage shifts in formality	appropriate register.		
-ng	speech and formal speech.	connections and ellipses.	-Colon to introduce a list	-Hyphens to avoid		
g/E	-Use the passive voice to	-Understand how synonyms	and semi-colons within	ambiguity.		
Writing/English	present information.	are related.	lists.	- Prefixes involving		
	-Understand structures of	-Use semi-colons, colons and	-Use the perfect form of	hyphens		
	informal and formal speech	dashes to show boundaries	verbs to mark relationship	-Homophones and near		
	including question tags and	between independent	of time and cause.	homophones.		
	subjunctive form.	clauses.	-Homophones and near			
		-Expanded noun phrases to	homophones.			
		convey complicated				
		information concisely.				

Writing objectives covered each topic

- -Write legibly, fluently and with increasing speed, deciding how to join specific letters.
- -Write legibly, fluently and with increasing speed by choosing the writing implement that is best suited for a task.
- -Plan and write by identifying audience for and purpose of the writing, selecting the appropriate form.

- -Draft and write by accurately precising longer passages.
- -Evaluate and edit effectiveness of own and others' writing by proposing reasoned changes to vocabulary, grammar and punctuation to enhance effects and clarify meaning.
- -Ensure correct tenses used throughout a piece of writing.
- -Ensure correct subject and verb agreement when using singular and plural.
- -Proof reading linked to Y5/6 spelling, punctuation errors *including semi-colons, colons, dashes, punctuation of bullet points and hyphens).
- -Spell most Y5/6 words correctly.
- -Use dictionary to check spelling and meaning of uncommon or more ambitious vocabulary.
- -Use a thesaurus with confidence.

Cloud Tea Monkeys

- -Read aloud and understand the meaning of new words met linked to the expectations of year 6 spelling.
- -Read age appropriate books, including whole novels, with confidence and fluency.
- -Discuss and evaluate how authors use language, including figurative language, considering the impact on the reader.

Reading

The Adventures of Odysseus Greek Myths & Legends

- -Read aloud and understand the meaning of new words met linked to the expectations of year 6 spelling.
- -Read age appropriate books, including whole novels, with confidence and fluency.
- -Increase familiarity with a range of books, including from our literary heritage and books from other cultures and traditions.
- -Discuss themes and conventions in and across and range of writing.
- -Making comparisons within and across books.

Pig Heart Boy

- -Read aloud and understand the meaning of new words met linked to the expectations of year 6 spelling.
- -Read age appropriate books, including whole novels, with confidence and fluency.
- -Discuss themes and conventions in and across a range of writing.
- -Summarise main ideas drawn from more than one paragraph, identify key details that support the main idea and use quotations for illustration. -Identifying how language, structure and presentation
- -Discuss and evaluate how authors use language, including figurative language, considering the

impact on the reader.

contribute to meaning.

and challenging views courteously and with clear reasoning.
-Explain and discuss understanding through formal presentations and debates, maintaining a focus on the topic and

using notes where

necessary.

<u>Pig Heart Boy</u> <u>The London Eye Mystery</u>

-Read aloud and

year 6 spelling.

and fluency.

understand the meaning

of new words met linked

to the expectations of

-Read age appropriate

books, including whole

novels, with confidence

-Summarise main ideas

drawn from more than

one paragraph, identify

key details that support

language, structure and

presentation contribute

-Participate in discussion

about books, building on

own and others' ideas

the main idea and use

quotations for

-Identifying how

illustration.

to meaning.

- -Read aloud and understand the meaning of new words met linked to the expectations of year 6 spelling.
- -Read age appropriate books, including whole novels, with confidence and fluency.
 -Summarise main ideas drawn from more than one
- paragraph, identify key details that support the main idea and use quotations for illustration.
- -Identifying how language, structure and presentation contribute to meaning.

The London Eye Mystery Read me aloud poems

- -Read aloud and understand the meaning of new words met linked to the expectations of year 6 spelling.
- -Maintain positive attitudes to reading and understand reading by learning a wider range of poetry by heart.
 -Identifying how language, structure and presentation contribute to meaning.
 -Discuss and evaluate how
- authors use language, including figurative language, considering the impact on the reader.

				-Provide reasoned		
				justifications for views.		
	Number and place value	Fractions	Fractions	Measures	Statistic	Preparation for secondary
	-Read, write, order and	-Use common factors to	-Recall and use	-Solve problems involving	-Interpret and construct pie	school – mathematical
	compare numbers up to	simplify fractions & common	equivalence between	calculation and	charts and line graphs and use	investigations and problem
	10,000,000, determining	multiples to express	simple fractions, decimals	conversion between	these to solve problems.	solving using all four
	the value of each digit.	fractions in the same	and percentages.	units of measure (up to	-Calculate and interpret the	operations and content learnt
	-Round any whole number	denomination	-Multiply simple pairs of	3dp).	mean as an average.	across KS2.
	to a required degree of	-Compare and order	proper fractions.	-Use, read, write and	-Complete, read and interpret	
	accuracy.	fractions (including >1)	-Divide proper fractions by	convert between	information in tables,	
	-Use negative numbers in	-Add and subtract fractions	whole numbers.	standard units,	including timetables.	
	context and calculate across	with different denominators	-Associate a fraction with	converting	Algebra	
	zero.	and mixed numbers.	division and calculate	measurements of length,	-Use simple formulae	
	-Solve number and place	-Recall and use equivalence	decimal fraction	mass, volume and time	-Generate and describe linear	
	value problems ordering	between simple fractions,	equivalents.	from a smaller unit of	number sequences.	
	and comparing numbers to	decimals and percentages.	-Use knowledge of the	measure to a larger and	-Express missing number	
	10,000,000.	Geometry (2D)	order of operations to	vice versa.	problems algebraically.	
	-Demonstrate an	-Draw 2D shapes using given	carry out calculations	-Convert between miles	- Find pairs of numbers that	
	understanding of place	dimensions and angles.	involving the four	and km.	satisfy an equation with two	
	value including decimals.	-Compare and classify	operations.	Geometry (3D & position	unknowns.	
	Multiplication and division	geometric shapes based on	Ratio and proportion	and movement)	- Enumerate possibilities of	
Maths	-Multiply up to 4 digit by 2	their properties and size and	-Solve problems involving	-Recognise, describe and	combinations of two variables.	
≥	digits using formal method.	find unknown angles in	the relative size of two	build simple 3D shapes,		
	-Divide up to 4 digits by 2	triangles, quadrilaterals and	quantities where missing	including making nets.		
	digits using formal method	unknown polygons.	values can be found by	-Describe position on the		
	of long division (remainders	-Illustrate and name parts of	using integer multiplication	full co-ordinate grid (all		
	as whole numbers, decimals	circles, including radius,	and division facts.	four quadrants).		
	and fractions)	diameter and circumference	-Solve problems involving	-Draw and translate		
	-Identify common factors,	(knowing diameter is twice	the calculation of	simple shapes on the co-		
	multiples and prime	the radius).	percentages.	ordinate plane and		
	numbers.	-Recognise angles where	-Solve problems involving	reflect them in the axis.		
	-Perform mental	they meet at a point, on a	similar shapes where the			
	calculations with mixed	straight line or and vertically	scale factor is known or			
	operations and large	opposite, and find missing	can be found.			
	numbers.	angles.	-Solve problems involving			
	-Solve multi-step problems	<u>Measures</u>	unequal sharing and			
	involving addition,	-Recognise that shapes with	grouping using knowledge			
	subtraction, multiplication	the same area can have	of fractions and multiples.			
	and division.	different perimeters and	-Simplify ratios			
	-Use estimation to check	vice versa.				
	and determine and					
	appropriate degree of					

	accuracyIdentify the value of each digit in numbers given to 3dp and multiply and divide these by 10, 100 and 1000Multiply and divide numbers with up to 2dp by whole numbersUse written division methods in cases where the	-Recognise where it is possible to use formulae for area and volumeCalculate the area of parallelograms and trianglesCalculate and compare volume of cubes and cuboids using standard units.				
	answer has up to 2 dp. Unit 1 Creation and New Beginnings Unit 2 Sacraments	Unit 3 Prayers, Saints and Feasts Unit 4 Advent	Unit 5 Christmas Unit 6 Revelation	Unit 7 Lent Unit 8 Holy Week	Unit 9 Easter Unit 10 Pentecost	Unit 11: Other faiths:
RE	AT1: Show a knowledge and understanding of: - a range of religious beliefs - what it means to belong to a church community -religious symbols and the steps involved in religious actions and worship. Show understanding of, by making direct links between: -beliefs and sourcesbeliefs and life	AT1: Show a knowledge and understanding of: - the life and work of key figures in the history of the people of God - religious symbols and the steps involved in religious actions and worship. Show understanding of, by making direct links between: -beliefs and sources beliefs and worship -beliefs and life	AT1: Show a knowledge and understanding of: - those actions of believers which arise as a consequence of their beliefs. Show understanding of, by making direct links between: -beliefs and sourcesbeliefs and life - beliefs and worship.	AT1: Show a knowledge and understanding of: - religious symbols and the steps involved in religious actions and worship. Show understanding of, by making direct links between: -beliefs and sourcesbeliefs and worship	AT1: Show a knowledge and understanding of: - religious symbols and the steps involved in religious actions and worship. Show understanding of, by making direct links between: -beliefs and sourcesbeliefs and worship	AT1: Show a knowledge and understanding of: - a range of religious beliefs. Show understanding of, by making direct links between: -beliefs and sourcesbeliefs and life - belief and worship.

Use a developing religious vocabulary widely, accurately and appropriately. AT2:

Compare their own and other people's responses to questions about each of the areas of study, in relation to questions of meaning and purpose. Show an understanding of how own and other's decisions are informed by beliefs and moral values.

AT3:

- use sources to support a point of view
- express a point of view and give reasons for it.
- -arrive at judgements
- recognise differences, comparing and contrasting different points of view.

Working scientifically

Grouping and classifying things and recognising patterns.

<u>Living things and their</u> habitats

Describe how plants, animals and microorganisms are classified into broad groups according to common observable characteristics and based on similarities and differences. Give reasons for classifying plants and animals based on specific characteristics.

<u>India</u> - Describe a non-European society that provides contrast with British history.

<u>India</u> - Use maps, atlases, globes and digital/computer mapping to locate counties and describe features studied.

Use the eight points of a compass, four and six-figure grid references, symbols and key to build knowledge of the UK and the wider world.

Understand and use a widening range of geographical terms. I can use maps, charts etc to support decision making about the location of places (e.g. a new bypass). Locate the word's countries using maps.

Working scientifically

Plan different types of enquiries, controlling variables where necessary. Use scientific language and ideas to explain, evaluation and communicate methods and findings.

Light

Show that light appears to travel in straight lines. Explain that light travels in straight lines and that objects are seen because they reflect light into our eyes.

Demonstrate and explain that we see things because light travels from light sources to our eyes. Demonstrate that light travels in straight lines to show why shadows have the same shape as the objects that cast them.

Ancient Greeks - Describe the achievements of early civilizations and have a deeper knowledge of one of them.

Can describe a study of Ancient Greek life and their influence on the western world.

Can use evidence to support arguments.

Understand and use a widening range of geographical terms. I can use maps, charts etc to support decision making

Working scientifically

Taking accurate measurements using a range of scientific equipment.
Recording data and results using labels, keys, tables and graphs.

Reporting and presenting findings including conclusions, causal relationships and explanations of trust in results both orally and written formally.

Animals including humans

Identify and name main parts of the human circulatory system, describing functions of the heart, blood vessels and blood.

Recognise the impact of diet, exercise, drugs and lifestyle on the way the body functions.

Describe how nutrients and water are transported within animals, including humans.

Van Gogh, Warhol, Dali, Da Vinci, Monet, Matisse & Kandinsky Describe the work and ideas of various artists, architects and designers, suing appropriate vocabulary and referring to historical and cultural contexts. Explain and justify preferences towards different styles and artists.

Working scientifically Describe and evaluate my own and other people's scientific ideas using evidence from a range of sources. Finding things out using a range of secondary sources of information. **Evolution and** inheritance Explain that the living things on Earth now are different to those inhabiting Earth millions of years ago and that fossils provide this information. Explain that living things produce offspring of the same kind but normally offspring vary and are not identical to their parents. Give examples of how animals and plants adapt to suit their

Perspective drawings Begin to develop an
awareness of
composition, scale and
proportion in their work.
Use simple perspective in
their work using a simple
focal point and horizon.
Include use of
sequences, selection and
repetition with the

environments and

explain that adaptation

may lead to evolution.

Working scientifically
Use test results to make
predictions and set up further
comparative fair tests.
Reporting and presenting
findings including conclusions,
causal relationships and
explanations of trust in results
both orally and written
formally.

Use scientific language and ideas to explain, evaluation and communicate methods and findings.

Electricity

Show the brightness of a lamp or the volume of a buzzer depends on the number and voltage of cells used in the circuit.

Compare and give reasons for how components function.
Draw a diagram using recognised symbols to represent a simple circuit.
History of London & the UK -

Can describe the changes in Britain from the Stone Age to the Iron Age.

Can describe the Roman Empire and it's impact on Britain.

Can describe Britain's settlement by the Anglo-Saxons and Scots
Describe the Viking and Anglo-Saxon struggle for the Kingdom of England to the time of Edward the Confessor.
Name and locate countries and cities of the UK, geographical regions and

Working scientifically

Use test results to make predictions and set up further comparative fair tests.
Reporting and presenting findings including conclusions, causal relationships and explanations of trust in results both orally and written formally.
(Chemistry investigations

ready for Secondary school)
History of London & the UK Can describe a study of an
aspect or theme in British
history beyond 1066.
Describe a chronologically
secure knowledge and
understanding of British, local
and world history, establishing
clear narratives within and
across periods.

Can note connections, contrasts and trends over time and show some use of historical terms.

Understand geographical similarities and differences through the study of human and physical geography of a region of the UK and a region in a European country and a region within North or South America.

Observational drawings and paintings - Use techniques, colours, tones and effects in an appropriate way to represent things seen.

Use different techniques, colours and textures when

Identify the position and significance of latitude, longitude, Equator, Northern & Southern Hemisphere, Tropics and time zones.

Describe and understand key aspects of human and physical geography. Understand how computer networks enable computers to communicate and

collaborate. Begin to use internet services within own creations to share and transfer data third party. Use technology respectfully and responsibly.

Identify a range of ways to report concerns about content and contact in and out of school.

Football - Set achievable personal goals and successfully reflect upon these, perhaps setting the next steps.

Perform a 'drop-kick'. When planning activities and actions, take into account a range of strategies, tactics and routes to success. considering strengths and weaknesses of self and

New Beginnings:

-recognise their worth as individuals, identifying positive things about themselves and their

about the location of places (e.g. a new bypass). **Ancient Greek pottery** on observations, experience

designs - Select ideas based or imagination and develop these through open ended research.

Refine his/her learnt techniques.

Adapt final work following feedback or discussion based on preparatory ideas. Produce intricate patterns and textures in a malleable media.

Follow a design brief to achieve an effect for a particular function. Independently select, use and combine a variety of software to design and create content for a given audience.

Design and create a range of programs, systems and content for a given audience.

Be discerning when

evaluating digital content. Use filters in search technologies effectively. **Gymnastics** -Analyse, modify and refine skills and techniques and how these are applied.

Consider how specific aspects of an activity or performance can influence the outcome and suggest the best possible strategy.

Healthy bodies -

healthy meals based on the principles of a healthy and varied diet. Use information on food labels to inform choices. Research, plan, prepare and cook a savoury dish, applying knowledge of ingredients and technical skills.

Confidently plan a series of

Independently select, use and combine a variety of software to collect, analyse, evaluate and present data and

Create programs which use variables.

Use variables, sequence, selection and repetition in programs.

Dance/Healthy bodies -Evaluate whether a diet is healthy or not using vitamins and minerals to justify the answer. Identify how different food should be eaten for Explain the effect high cholesterol has on the human body. Understand that endorphins are released during exercise and that these are linked with

happiness.

Explain the different parts of sleep and why this is important for the body.

hardware to explore real world systems. Solves problems by decomposing them into smaller parts.

Create programs which use variables. Use variables, sequence,

selection and repetition in programs.

Netball/Basketball /Healthy minds and **bodies** - Explain the various aspects of mental health.

Understand different levels of confidence and its effect on life. intelligence.

Perform a 'basketball dribble'.

Going for goals

- recognise their worth as individuals, identifying positive things about themselves and their achievements, seeing their mistakes, making amends and setting personal goals.
- to face new challenges positively by collecting information, looking for help, making responsible choices and taking action.
- to recognise that their actions affect themselves and others, to care about other people's feelings

identify their human and physical characteristics. Making an electrically powered vehicle- Generate, develop, model and communicate ideas through discussion, annotated sketches, cross-sectional and exploded diagrams, prototypes, pattern pieces and CAD.

Apply knowledge of materials and techniques to refine and rework product to improve its functional and aesthetic properties.

Use technical knowledge accurate skills to problem solve during making. Use knowledge of famous designs to further explain effectiveness of products made.

Apply understanding of computing to program, monitor and control product. Cricket/Rounders - Strike a ball with a range of bats for accuracy and distance.

Good to be me:

- -recognise their worth as individuals, identifying positive things about themselves and their achievements, seeing their mistakes, making amends and setting personal goals.
- -to reflect on spiritual, moral, social and cultural issues, using imagination to understand other people's experiences.

designing and making pieces of work and explain their choices. Use logical reasoning to explain how increasingly complex algorithms work and to detect and correct errors in algorithms and programs efficiently.

Athletics - Understand that being healthy incorporated body, mind and lifestyle. Identify the impact of a good social life on happiness. Recognise role on keeping immediate environment safe and healthy and offer

Relationships/changes - To research, discuss and debate topical issues. problems and events.

- to reflect on spiritual, moral, social and cultural issues, using imagination to understand other people's experiences.
- that their actions affect others, to care about other people's feelings and to try to see things from their point of view.
- to think about the lives of people living in other places and times, and people with difference values and customs.
- to recognise that as they approach puberty, how people's emotions change at that time and how to deal with their feelings towards themselves, their family and others in a positive way.

- achievements, seeing their mistakes, making amends and setting personal goals. -know why and how rules are made and enforces, why rules are needed and how to take part in making and changing rules.
- -know that there are different kinds of responsibilities, rights and duties at home, at school and in the community, and that these sometimes cause conflict with each other.
- reflect upon spiritual, moral, social and cultural issues, using imagination to understand other people's experiences.
- know their actions affect themselves and others, to care about other people's feeling and try to see things from their point of view.
- be aware of different types of relationships including marriage and those between family and friends, and to develop the skills to be effective in a relationship.

Appropriately discuss the dimensions of music and recognise them in music heard.

Listen with attention to detail and recall sounds with increasing aural memory and accuracy.

- Getting on and falling out link with anti-bullying week. -to research, discuss and debate topical issues, problems and events.
- -to realise the consequences of anti-social and aggressive behaviours, such as bullying and racism.
- -to reflect upon spiritual, moral, social and cultural issues, using imagination to understand other people's experiences.
- -to resolve differences by looking at alternatives, making decisions and explaining choices.
- -know that their actions affect themselves and others. -to realise the nature and consequences of racism, bullying and aggressive behaviours and how to respond to them and ask for help.
- -to recognise and challenge stereotypes.
- -know that differences and similarities between people arise from a number of factors, including cultural, ethnic, racial and religious diversity, gender and disability.

<u>Christmas carols</u> – Play and perform in solo or ensemble contexts with increasing accuracy, control, fluency and expression.

Create a simple composition and record using formal notation.

Use scientific vocabulary to explain what happens to our bodies during and after exercise.

Explain the difference between good and bad bacteria.

- Say no to bullying:
 -to know that pressure to
 behave in an unacceptable
 was or risky way can come
 from a variety of sources.
- to resolve differences by looking at alternatives, making decisions and explaining choices.
- to recognise the different risks in different situations and then decide how to behave responsibly.
 -to understand about health and safety and where to get help.
 -know that their actions affect themselves and others, to care about people's feelings.
- to realise the nature and consequences of racism, bullying and aggressive behaviours and how to respond to them and ask for help.
- -to recognise and challenge stereotypes.

and to try to see things from their point of view.

- to know which commonly available substances and drugs are legal and illegal, their effects and risks.
- that pressure to behave in an unacceptable or risky way can come from a variety of sources, including people they know and how to ask for help, and use basic techniques for resisting pressure to do wrong.
- -that their actions affect themselves and others, to care about other people's feelings and try to see things from their point of view.

Appreciate and understand a range of high-quality live and recorded music drawn from different traditions and great composers.

- to be aware of the different types of relationships, including marriage and those between friends and family, and to develop the skills to be effective in relationships.

Production — sing as part of an ensemble with full confidence and precision

Deepen an understanding and

Deepen an understanding and use of formal, written notation which includes staff, semibreves and dotted crotchets.

Improvise and compose music for a range of purposes using the inter-related dimensions of music.