

YEAR 5	Autumn		Spring		Summer	
English	<p>Fiction Classic Fiction (Dickens) Oliver Twist Non-fiction Explanations Recounts Poetry Poetic Style</p>	<p>Fiction Short Stories (Mystery) Classic Fiction (Dickens) Christmas Carol Non-fiction Non-chronological reports Poetry Classic poems - The Raven by Edgar Alan Poe</p>	<p>Fiction Myths and Legends - Ancient Greek Non-fiction Reports and Journalistic writing Information Texts Poetry Nonsense Poems</p>	<p>Fiction Drama - Ancient Greek Theatre Non-fiction Non-chronological reports Poetry Slam & Performance</p>	<p>Fiction Historical Stories Tales from other cultures - Link to Music from around the world Short Stories (Science Fiction – War of the Worlds) Non-fiction Instructions Persuasive argument writing - Letters / Magazine Articles Poetry Choral and performance poems Debate poems *Author Study - Beverley Naidoo</p>	
Maths	<p>Number Place value Compare and order Reason about number Addition and subtraction Mental calculation Multiplication and division Properties of number Mental calculation Geometry – properties of shape Angles Fractions Equivalence Mixed number Statistics Timetables</p>	<p>Number Place value Rounding Addition and subtraction Formal written methods Multiplication and division Formal written methods Geometry: properties of shape Calculate missing angles Fractions and decimals Read, write, compare/order decimals Rounding Measures Conversions - metric Perimeter</p>	<p>Number Negative numbers Order and compare Addition and subtraction Mental calculation Formal written methods Multiplication and division Factor pairs Mental calculation Fractions Add and subtract Fractions of amounts Geometry – properties of shape Diagonal and parallel lines Properties of rectangles</p>	<p>Number Roman numerals Multiplication and division Formal written methods Measures - Conversions Metric and imperial Area Fractions and decimals Conversion between Equivalence between Geometry: direction & movement Reflection Statistics Timetables</p>	<p>Number Linear sequences Addition and subtraction Difference Rounding to check Multiplication and division Factor pairs Mental calculation Fractions, decimals , percentages Percentages Geometry: properties of shape 3-D/2-D representations Regular and irregular Angles at a point</p>	<p>Number Half-way between Estimation Multiplication and division Formal written methods Scaling Measures Time conversions Volume Fractions Multiply proper fractions and mixed numbers Statistics Line graphs Geometry: direction & movement Translation</p>
Themed Learning	Victorians		Olympic Odyssey		Africa	
	<p>History I can draw a timeline with different historical periods showing key historical events or lives of significant people. I can explain how Parliament affects decision making in England (Suffragettes). I can explain how our locality has changed over time. I can describe how crime and punishment has changed over a period of time. (Black Country Museum)</p> <p>Art <u>Drawing / Painting / Charcoal</u> I can identify and draw objects and use marks and lines to produce texture. I can successfully use shading to create mood and feeling. I can use shading to create mood and feeling. I can organise line, tone, shape and colour to represent figures and forms in movement. I can research the work of an artist and use their work to replicate a style.</p>	<p>DT <u>Moving Toys - Victorians</u> I can come up with a range of ideas after collecting information from different sources. I can produce a detailed, step-by-step plan. I can suggest alternative plans; outlining the positive features and draw backs. I can explain how a product will appeal to a specific audience. I can use a range of tools and equipment competently. I show that I can be both hygienic and safe in the kitchen.</p>	<p>History I can draw a timeline with different historical periods showing key historical events or lives of significant people. I can compare two or more historical periods; explaining things which changed and things which stayed the same. I can describe how crime and punishment has changed over a period of time. I can explain how Parliament affects decision making in England.</p> <p>Geography I can explain how a location fits into its wider geographical location with reference to human and economical features.</p> <p>DT I can come up with a range of ideas after collecting information from different sources. I can suggest alternative plans; outlining the positive features and draw backs. I can evaluate appearance and function against original criteria. I can use a range of tools and equipment competently.</p> <p>Art I can successfully use shading to create mood and feeling. I can organise line, tone, shape and colour to represent figures and forms in movement. I can use shading to create mood and feeling. I can use images which I have created, scanned and found; altering them where necessary to create art. I can research the work of an artist and use their work to replicate a style.</p> <p>PE Dance I can compose my own dances in a creative way. I can perform to an accompaniment. My dance shows clarity, fluency, accuracy and consistency.</p>	<p>History I can draw a timeline with different historical periods showing key historical events or lives of significant people. I can compare two or more historical periods; explaining things which changed and things which stayed the same. I can describe how crime and punishment has changed over a period of time.</p> <p>Geography I can plan a journey to a place in another part of the world, taking account of distance and time. I can explain how a location fits into its wider geographical location with reference to human and economical features.</p> <p>DT I can come up with a range of ideas after collecting information from different sources. I can produce a detailed, step-by-step plan. I can suggest alternative plans; outlining the positive features and draw backs. I can explain how a product will appeal to a specific audience. I can evaluate appearance and function against original criteria. I can use a range of tools and equipment competently. I can make a prototype before making a final version. I show that I can be both hygienic and safe in the kitchen.</p> <p>Art I can express emotion in my art. I can create an accurate print design following criteria.</p> <p>PE Dance I can compose my own dances in a creative way. 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Discrete Learning

Computing

Digital Literacy

I understand that you have to make choices when using technology and that not everything is true and/or safe.
Knowledge and understanding
 I can discuss the positive and negative impact of the use of ICT in my own life, my friends and family.
 I understand the potential risk of providing personal information online.
 I recognise why people may publish content that is not accurate and understand the need to be critical evaluators of content.
 I understand that some websites and/or pop-ups have commercial interests that may affect the way the information is presented.
 I recognise the potential risks of using internet communication tools and understand how to minimise those risks (including scams and phishing).
 I understand that some material on the internet is copyrighted and may not be copied or downloaded.

RE
 Big Buddha Y5R Autumn 1

Science

Working Scientifically / Chemistry Properties & changes of materials

I can plan different types of scientific enquiry.
 I can control variables in an enquiry.
 I can measure accurately and precisely using a range of equipment.
 I can record data and results using scientific diagrams and labels, classification keys, tables, scatter graphs, bar and line graphs.
 I can use the outcome of test results to make predictions and set up a further comparative fair test.
 I can report findings from enquiries in a range of ways.
 I can explain a conclusion from an enquiry.
 I can explain causal relationships in an enquiry.
 I can relate the outcome from an enquiry to scientific knowledge in order to state whether evidence supports or refutes an argument or theory.
 I can read, spell and pronounce scientific vocabulary accurately.

Music

Music Express Y5R
 I can breathe in the correct place when singing.
 I can maintain my part whilst others are performing their part.
 I can improvise within a group using melodic and rhythmic phrases.
 I can describe, compare and evaluate music using musical vocabulary.

PAS Guitar Y5B

Geography

Rivers and Mountains

I can explain why many cities are situated on or close to rivers.
 I can explain why people are attracted to live by rivers.
 I can explain the course of a river.
 I can name and locate many of the world's most famous rivers in an atlas.
 I can name and locate many of the world's most famous mountainous regions in an atlas.

Computing

Knowledge and understanding

I understand that some messages may be malicious and know how to deal with this.
 I understand that online environments have security settings, which can be altered, to protect the user.
 I understand the benefits of developing a 'nickname' for online use.
 I understand that some malicious adults may use various techniques to make contact and elicit personal information.
 I know that it is unsafe to arrange to meet unknown people online.
 I know how to report any suspicions.
 I understand I should not publish other people's pictures or tag them on the internet without permission.
 I know that content put online is extremely difficult to remove.
 I know what to do if I discover something malicious or inappropriate.

RE

Big Buddha Y5B Autumn 2
 Christmas

Science

Working Scientifically / Chemistry Properties & changes of materials

I can compare and group materials based on their properties (e.g. hardness, solubility, transparency, conductivity, [electrical & thermal], and response to magnets).
 I can describe how a material dissolves to form a solution; explaining the process of dissolving.
 I can describe and show how to recover a substance from a solution.
 I can describe how some materials can be separated.
 I can demonstrate how materials can be separated (e.g. through filtering, sieving and evaporating).
 I can give evidenced reasons why materials should be used for specific purposes.
 I can explain how some changes result in the formation of a new material and that this is usually irreversible.
 I can discuss reversible and irreversible changes.
 I know and can demonstrate that some changes are reversible and some are not.

Computing

Skills

I follow the school's safer internet rules.
 I can make safe choices about the use of technology.
 I can use technology in ways which minimises risk. e.g. responsible use of online discussions, etc.
 I can create strong passwords and manage them so that they remain strong.
 I can independently, and with regard for e-safety, select and use appropriate communication tools to solve problems by collaborating and communicating with others within and beyond school.
 I can competently use the internet as a search tool.
 I can reference information sources.
 I can use appropriate strategies for finding, critically evaluating, validating and verifying information. e.g. using different keywords, skim reading to check relevance of information, cross checking with different websites or other non ICT resources.
 I can use knowledge of the meaning of different domain names and common website extensions (e.g. .co.uk; .com; .ac; .sch; .org; .gov; .net) to support validation of information.

RE

Easter
 I can describe and understand links between stories and other aspects of the communities I am investigating.
 I can explain, with reasons, the meanings and significance to individuals and communities.
 I can apply my own ideas thoughtfully in different forms including, e.g. reasoning, music, art and poetry.

Science

Working Scientifically/ Physics Forces

I can explain what gravity is and its impact on our lives.
 I can identify and explain the effect of air resistance.
 I can identify and explain the effect of water resistance.
 I can identify and explain the effect of friction.
 I can explain how levers, pulleys and gears allow a smaller force to have a greater effect.

Music

Music Express Y5B
 I can breathe in the correct place when singing.
 I can maintain my part whilst others are performing their part.
 I can improvise within a group using melodic and rhythmic phrases.
 I can describe, compare and evaluate music using musical vocabulary.
 PAS Guitar Y5B/R

PE

Games (Coventry Blaze hockey)

I can gain possession by working a team.
 I can pass in different ways.
 I can choose a tactic for defending and attacking.
 I can use a number of techniques to pass, dribble and shoot.

SMSCE

Democracy
 ChildLine workshops

Computing

Information technology

I can analyse information.
 I can edit a film.
 I can evaluate information.
 I understand how search results are selected and ranked.

RE

I can explore and describe a range of beliefs, symbols and actions.
 I can explore and show understanding of similarities and differences between different religions and worldviews.
 I can discuss and apply my own and others' ideas about ethical questions, including ideas about what is right and wrong and what is just and fair.
 I can discuss and represent my own views on challenging questions about belonging, meaning, purpose and truth.

Science

Working Scientifically/ Physics Earth and space

I can describe and explain the movement of the Earth and other planets relative to the Sun.
 I can describe and explain the movement of the Moon relative to the Earth.
 I can explain and demonstrate how night and day are created.
 I can describe the Sun, Earth and Moon (using the term spherical).

Music

I can change sounds or organise them differently to change the effect.
 I can compose music which meets specific criteria.
 I can use notation to record groups of pitches (chords).
 I can use my music diary to record aspects of the composition process.
 I can choose the most appropriate tempo for a piece of music.
 I can describe, compare and evaluate music using musical vocabulary.
 I can explain why I think music is successful or unsuccessful.
 I can suggest improvement to my own work and that of others.
 I can contrast the work of a famous composer and explain my preferences.
 PAS Guitar Y5R

PE

Games (Net and ball)

I can use forehand and backhand with a racket.
 I can field.

SMSCE

Sex education

MFL

Speaking

I can hold a simple conversation with at least 4 exchanges.
 I can use my knowledge of grammar to speak correctly.

Science

Working Scientifically/ Biology Living things and their habitats

I can describe the life cycle of different living things, e.g. mammal, amphibian, insect bird.
 I can describe the differences between different life cycles.
 I can describe the process of reproduction in plants.
 I can describe the process of reproduction in animals.
Animals, including humans
 I can create a timeline to indicate stages of growth in humans.

PE

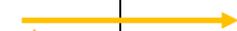
Athletics

I can be controlled when taking off and landing.
 I can throw with accuracy. I can combine running and jumping.

Computing

Algorithms and programming

I can combine sequences of instructions and procedures to turn devices on and off.
 I can use technology to control an external device.
 I can design algorithms that use repetition & 2-way selection.



	<p>PE Gymnastics Y5B I can perform consistently to different audiences. I can combine action, balance and shape. I can make complex extended sequences. Outdoor and Adventure Y5R I can use new information to change my route. I can change my route to overcome a problem. I can use clues and a compass to navigate a route. I can follow a map in an unknown location.</p> <p>Outdoor and adventurous Y5R I can follow a map in an unknown location. I can use clues and a compass to navigate a route. I can change my route to overcome a problem. I can use new information to change my route.</p> <p>SMSCE Peacemakers - Circle time</p>	<p>PE Gymnastics Y5R I can perform consistently to different audiences. I can combine action, balance and shape. I can make complex extended sequences. Outdoor and Adventure Y5B I can use new information to change my route. I can change my route to overcome a problem. I can use clues and a compass to navigate a route. I can follow a map in an unknown location.</p> <p>Outdoor and adventurous Y5B I can follow a map in an unknown location. I can use clues and a compass to navigate a route. I can change my route to overcome a problem. I can use new information to change my route.</p> <p>MFL I can hold a simple conversation with at least 4 exchanges. I can use my knowledge of grammar to speak correctly. I can understand a short story or factual text and note the main points. I can substitute words and phrases.</p>		<p>Reading I can understand a short story or factual text and note the main points. I can use the context to work out unfamiliar words.</p> <p>Writing I can write a paragraph of 4-5 sentences. I can substitute words and phrases.</p>	
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