



St Peter's CE (VA) Primary School

Year 4 Curriculum Coverage

Literacy and Numeracy			
Reading <ul style="list-style-type: none"> Secure decoding of unfamiliar words Read for a range of purposes Retell some stories orally Discuss words & phrases that capture the imagination Identify themes & conventions Retrieve & record information Make inferences & justify predictions Recognise a variety of forms of poetry Identify & summarise ideas 	Writing <ul style="list-style-type: none"> Correctly spell common homophones Increase regularity of handwriting Plan writing based on familiar forms Organise writing into paragraphs Use simple organisational devices Proof-read for spelling & punctuation errors Evaluate own and others' writing Read own writing aloud 	Speaking & Listening <ul style="list-style-type: none"> Articulate & justify opinions Speak audibly in Standard English Gain, maintain & monitor 	Grammar <ul style="list-style-type: none"> Use wider range of conjunctions Use perfect tense appropriately Select pronouns and nouns for clarity Use & punctuate direct speech Use commas after front adverbials
Number/Calculation <ul style="list-style-type: none"> Know all tables to 12 x 12 Secure place value to 1000 Use negative whole numbers Round numbers to nearest 10, 100 or 1000 Use Roman numerals to 100 @ Column addition & subtraction up to 4 digits Multiply & divide mentally Use standard short multiplication 	Geometry & Measures <p>Compare 2-d shapes, including quadrilaterals & triangles</p> <ul style="list-style-type: none"> Find area by counting squares Calculate rectangle perimeters Estimate & calculate measures Identify acute, obtuse & right angles Identify symmetry Use first quadrant coordinates Introduce simple translations 	Fractions, decimals & percentages <ul style="list-style-type: none"> Recognise tenths & hundredths Identify equivalent fractions Add & subtract fractions with common denominators Recognise common equivalents Round decimals to whole numbers Solve money problems 	Data <ul style="list-style-type: none"> Use bar charts, pictograms & line graphs

Science Objectives

Science Animals (YA)

- identify that animals, including humans, need the right types and amount of nutrition, and that they cannot make their own food; they get nutrition from what they eat
- identify that some animals have skeletons and muscles for support, protection and movement.
- construct and interpret a variety of food chains, identifying producers, predators and prey.
- recognise that living things can be grouped in a variety of ways
- explore and use classification keys to help group, identify and name a variety of living things in their local and wider environment
- recognise that environments can change and that this can sometimes pose dangers to living things.
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Science Forces (YA)

- notice that some forces need contact between two objects, but magnetic forces can act at a distance
- observe how magnets attract or repel each other and attract some materials and not others
- compare and group together a variety of everyday materials on the basis of whether they are attracted to a magnet, and identify some magnetic materials
- describe magnets as having two poles
- predict whether two magnets will attract or repel each other, depending on which poles are facing.
- identify the effects of air resistance, water resistance and friction, that act between moving surfaces

Science Materials (YA)

- compare and group materials together, according to whether they are solids, liquids or gases
- observe that some materials change state when they are heated or cooled, and measure or research the temperature at which this happens in degrees Celsius (°C)
- identify the part played by evaporation and condensation in the water cycle and associate the rate of evaporation with temperature.

Science Sound (YA)

- identify how sounds are made, associating some of them with something vibrating
- recognise that vibrations from sounds travel through a medium to the ear
- recognise that sounds get fainter as the distance from the sound source increases.

Science Electricity (YB)

- identify common appliances that run on electricity
- construct a simple series electrical circuit, identifying and naming its basic parts, including cells, wires, bulbs, switches and buzzers
- identify whether or not a lamp will light in a simple series circuit, based on whether or not the lamp is part of a complete loop with a battery
- recognise that a switch opens and closes a circuit and associate this with whether or not a lamp lights in a simple series circuit
- recognise some common conductors and insulators, and associate metals with being good conductors.

Science Humans (YB)

- describe the simple functions of the basic parts of the digestive system in humans
- identify the different types of teeth in humans and their simple functions
- identify that humans have skeletons and muscles for support, protection and movement.
- identify that, need the right types and amount of nutrition, and that they cannot make their own food; they get nutrition from what they eat

Science Plants (YB)

- identify and describe the functions of different parts of flowering plants: roots, stem/trunk, leaves and flowers
- investigate the way in which water is transported within plants
- recognise that environments can change and that this can sometimes pose dangers to living things.

Science Space (YB)

- describe the movement of the Earth, and other planets, relative to the Sun in the solar system
- describe the movement of the Moon relative to the Earth
- describe the Sun, Earth and Moon as approximately spherical bodies
- use the idea of the Earth's rotation to explain day and night and the apparent movement of the sun across the sky.

Foundation Subject Objectives

History

2020-21	2021-22	2022-23	2023-24
Egyptians Stone Age	Potteries Tudors	Invaders Baghdad900AD	Romans Greeks

- I understand when the period of history I am studying was.
- I can place people and events on a time line.
- I understand the concepts of continuity and change over time.
- I can ask historical questions.
- I can find out the answers to historical questions.
- I understand the different ways the past is represented.
- I can use sources from the past to show I know about key events.
- I can identify similarities and differences between periods in history.
- I can describe significant people or events in history and why they were important.
- I can suggest causes and consequences of some of the main events and changes in history
- I can use words and phrases to show time:
- I can use a wide range of historical words in my work.

Geography

2020-21	2021-22	2022-23	2023-24
Earth	Fire & Ice	Ebb & Flow	Air

- I can locate places on a map.
- I understand about different places
- I can compare different places around the World.
- I can ask geographical questions.
- I can answer geographical questions.
- I can use a wide range of geographical words in my work.
- I can share my geographical knowledge effectively.
- I can use a wide range of geographical and fieldwork skills - field sketching, measuring, direction, using/drawing maps, scale and distance, photography, recording, questionnaires.

Art & Design (LKS2)

- Use sketchbooks to collect, record and evaluate ideas
- Improve mastery of techniques such as drawing, painting and sculpture with varied materials
- Learn about great artists, architects & designers

PSHE

- Helping Others to Keep Safe
- Growing Up
- Who are These People?
- Taking More Control
- Work and Money
- The Environment

Religious Education

Continue to follow locally- agreed syllabus for RE

Computing (LKS2)

- Design & write programs to achieve specific goals, including solving problems
- Use logical reasoning
- Understand computer networks
- Use internet safely and appropriately
- Collect and present data appropriately

Modern Languages (LKS2) <ul style="list-style-type: none"> • Listen & engage • Ask & answer questions • Speak in sentences using familiar vocabulary • Develop appropriate pronunciation • Show understanding of words & phrases • Appreciate stories, songs, poems & rhymes • Broaden vocabulary 	Music (LKS2) <ul style="list-style-type: none"> • Use voice & instruments with increasing accuracy, control and expression • Improvise & compose music • Listen with attention to detail • Appreciate wide range of live & recorded music • Begin to develop understanding of history 	Design & Technology (LKS2) <ul style="list-style-type: none"> • Use research& criteria to develop products which are fit for purpose • Use annotated sketches and prototypes to explain ideas • Evaluate existing products and improve own work • Use mechanical systems in own work • Understand seasonality; prepare & cook mainly savoury dishes 	Physical Education (LKS2) <ul style="list-style-type: none"> • Use running, jumping, catching and throwing in isolation and in combination • Play competitive games, modified as appropriate • Develop flexibility & control in gym, dance & athletics • Compare performances to achieve personal bests • Swimming proficiency at 25m (KS1 KS2)
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