

A stylized, light blue illustration of a unicorn's head and neck, facing right. The unicorn has a single, long, braided horn and a flowing mane. The illustration is set against a dark blue background with a large, light blue circular arc behind the unicorn's head. A solid yellow vertical bar is on the far left of the page.

Sancton Wood School

Curriculum Overview

2022-23

Year 4

Michaelmas 1	Michaelmas 2	Lent 1
<p>Study of The Fireworkmaker's Daughter by Philip Pullman.</p> <p>Report writing - Ancient Egyptian gods research and leaflet creation.</p> <p>Nature poetry Exploration</p> <p>Character writing</p>	<p>Explanation writing - the process of mummification</p> <p>Written outcomes connected to Remembrance</p> <p>Descriptive diary writing - in role as an archaeologist linked Howard Carter and Tutankamun.</p> <p>STEM week based writing - variable</p>	<p>Fairy Tales of Europe</p>

SPAG, handwriting and reading comprehension are delivered in discrete lessons throughout the year to develop the children's writing and reading skills. Spellings are taught each week.

English

Lent 2	Summer 1	Summer 2
List poetry and Kennings. Written outcomes related to Humanities	Study of Varjak Paw by SF Said Use of visual text Flotsam to: describe settings, biographies, persuasive advertising, narrative	Study of Beowulf Retelling though newspaper recount writing

SPAG, handwriting and reading comprehension are delivered in discrete lessons throughout the year to develop the children's writing and reading skills. Spellings are taught each week.

Michaelmas 1

We will be building on the skills and mathematical knowledge learned in previous years.

Throughout, we place all learning in context and solve problems

Place-value of 4-digit numbers. This will include identifying and representing numbers in a variety of ways, rounding, counting in steps of different sizes, ordering and comparing.

Addition and subtraction, including formal written methods where appropriate, solving problems and learning how to check our work.

Area- what does it mean? Find areas by counting and calculating, draw shapes with different areas, and compare the areas of different shapes.

Multiplication and division, with an emphasis on deepening understanding, using various representations. We use place value, known and derived facts to multiply and divide mentally, including: multiplying by 0 and 1; dividing by 1; multiplying together three numbers. We develop our recall of multiplication facts and apply our skills.

Michaelmas 2

(Cont) We will be building on the skills and mathematical knowledge learned in previous years.

Throughout, we place all learning in context and solve problems

Place-value of 4-digit numbers. This will include identifying and representing numbers in a variety of ways, rounding, counting in steps of different sizes, ordering and comparing.

Addition and subtraction, including formal written methods where appropriate, solving problems and learning how to check our work.

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Lent 1

We will be building on the skills and mathematical knowledge learned in previous terms.

Throughout, we place all learning in context and solve problems.

Multiplying and dividing larger numbers mentally, using written methods, and solving problems.

Measure- introduction to the kilometre and learning to find the perimeter of rectangles and other rectilinear shapes, including working out missing measurements.

Fractions- Exploring links between tenths and hundredths, identify equivalent fractions, simplify fractions, and explore fractions that are greater than 1. Calculate and solve problems using fractions as we add and subtract fractions with the same denominator, subtract fractions from a whole, and learn how to find a fraction of an amount.

Decimals- learning about the decimal point and the tenths and hundredths columns, exploring tenths and hundredths as decimals, understanding how to divide numbers by 10 and 100 and other calculations to give decimal answers.

Y4 maths challenge competition for four pupils,

Lent 2

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Decimals- learning about the decimal point and the tenths and hundredths columns, exploring tenths and hundredths as decimals, understanding how to divide numbers by 10 and 100 and other calculations to give decimal answers.

Y4 maths challenge competition for four pupils,

Summer 1

We will be building on the skills and mathematical knowledge learned in previous terms.

Throughout, we place all learning in context and solve problems.

Decimals- using tenths and hundredths to make a whole, use decimal notation to two decimal places, and compare, order and round decimal numbers. Learning the decimal equivalents for some simple fractions and using these to solve problems.

Money: representing amounts of money using decimal notation, and ordering, rounding and estimating amounts. Solving problems using our addition, subtraction, multiplication and division skills.

Develop our understanding and knowledge of time by introducing the 24-hour clock and converting between 12- and 24-clock times. Solving problems relating to units of time.

Statistics- exploring a range of ways in which information and data can be presented and interpreted and solving problems.

Angles and 2D shapes. Learn to identify, compare and order acute, obtuse and right angles. We learn about regular and irregular shapes, identify different types of triangles and quadrilaterals, and solve shape-based problems and puzzles.

Understanding reflective symmetry.

Summer 2

(Cont) We will be building on the skills and mathematical knowledge learned in previous terms.

Throughout, we place all learning in context and solve problems.

Decimals- using tenths and hundredths to make a whole, use decimal notation to two decimal places, and compare, order and round decimal numbers. Learning the decimal equivalents for some simple fractions and using these to solve problems.

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Understanding reflective symmetry.

Computing

Michaelmas 1

Basic block coding – revision and development

Familiarisation with Microsoft Office and Teams

Michaelmas 2

Research and design an educational game using Scratch

Lent 1

Educational game (cont)

Lent 2

Collaborative work using PowerPoint to create a presentation about a European Country

Summer 1

E-Safety - cross curricular linking with PSHCE. Use Scratch to code a e-safety video for younger children.

How the internet works and the language of the internet –search engines, browsers etc

Summer 2

Data Handling - using excel to generate graphs.

Creating a vlog book review.

Michaelmas 1

Animals including humans

Identify the different types of teeth in humans and their simple functions.

Describe the simple functions of the parts of the digestive system in humans.

Designing a clear instructional poster.

Self-care and SMSC

Fostering interest and fascination in learning about themselves/ others and the world around them.

IT- research about animal diets/ habitats.

Michaelmas 2

Electricity

Identify common appliances that run on electricity.

Construct a series electrical circuit, identify and name basic parts. Identify whether a lamp will light based on its position in the circuit.

Recognise that a switch opens and closes a circuit.

Recognise some common conductors and insulators.

Writing and answering questions clearly.

Making a clear warning poster.

STEM designing and making a buzz-wire game to show electrical knowledge, resilience needed to identify faults and improve, effective teamwork.

IT- finding out about electrical dangers using interactive houses.

Lent 1

States of matter

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 in temperature in degrees Celsius.

Identify the part played by evaporation and condensation in the water cycle.

Reasoning, explaining, presenting ideas clearly.

SMSC fosters interest and fascination in learning about the world around them.

Lent 2

Sound

Identify how sounds are made by vibration and how the ear works.

Find patterns between the pitch of a sound and the object that produced it and between the volume of a sound and the strength of vibrations that produced it.

Recognise that sounds get fainter as the distance from the sound increases

STEM- design and make ear defenders for the children of rock stars! Resilience needed to identify faults and improve.

SMSC fosters interest and fascination in learning about themselves/ others and the world around them.

Summer 1

Animals including humans

Construct and interpret a variety of food chains, identifying producers, predators and prey.

Living things & their habitats

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

SMSC fosters interest and fascination in learning about the world around them.

Visit to the local nature reserve.

Summer 2

Living things & their habitats (Continued)

Recognise that environments can change and sometimes pose dangers to living things.

(Residential - identifying plants and animals, fostering interest in nature and the environment.)

SMSC fosters interest and fascination in learning about the world around them/ care for the environment.

Humanities

Michaelmas 1

The Ancient Egyptians
Fitzwilliam Museum AE exhibition (Covid restrictions allowing).

Michaelmas 2

The Ancient Egyptians (small unit on Remembrance and WW1- visit to memorial on Nov 11th)

Fitzwilliam Museum AE exhibition (Covid restrictions allowing).

Ancient Egyptians Morning

Lent 1

Countries of Europe

Humanities

Lent 2

Where does our food come from?

Summer 1

The Anglo Saxons - invasion and settlement. Visit to West Stow Anglo Saxon village.

Summer 2

(Cont) The Anglo Saxons - invasion and settlement. Visit to West Stow Anglo Saxon village.

Michaelmas 1	Michaelmas 2	Lent 1
Hindus at home and the Mandir	<p>Christmas Journeys</p> <p>Fitzwilliam nativity art trip- Artistic style and what we can also learn about the period in which the art was made (Covid restrictions allowing)</p>	European Christian Festivals
Lent 2	Summer 1	Summer 2
The Easter Story	Sikhism	Sikhism

Michaelmas 1

We develop our sketchbooks to collect ideas and reflect on our work. We use 'The Dot' by Peter Reynolds to explore the idea that we are all artists.

We explore the colour wheel and learn how to mix the colour we want from primary colours. We may take inspiration from Kandinsky's 'Squares with Concentric Circles'.

We look at the work of Yasoi Kusama (spots and pumpkins) and create 3D and 2D works using papier mache, paint, pen and collage.

We learn about and explore different techniques for shaping and joining clay. We research Ancient Egyptian amulets, and make our own.

We learn sewing techniques and make a felt Christmas decoration.

Michaelmas 2

(Cont) We develop our sketchbooks to collect ideas and reflect on our work. We use 'The Dot' by Peter Reynolds to explore the idea that we are all artists.

We explore the colour wheel and learn how to mix the colour we want from primary colours. We may take inspiration from Kandinsky's 'Squares with Concentric Circles'.

We look at the work of Yasoi Kusama (spots and pumpkins) and create 3D and 2D works using papier mache, paint, pen and collage.

We learn about and explore different techniques for shaping and joining clay. We research Ancient Egyptian amulets, and make our own.

We learn sewing techniques and make a felt Christmas decoration.

Lent 1

We explore the work of Antony Gormley and look at the dimensions of the human body. We make wire figures in a variety of poses.

We use a balloon as a form on which to create a yarn sculpture and use our individual pieces to create a mobile.

Linked to our Science work on sound, we research materials, develop our ideas and construct ear defenders

Lent 2

(Cont) We explore the work of Antony Gormley and look at the dimensions of the human body. We make wire figures in a variety of poses.

We use a balloon as a form on which to create a yarn sculpture and use our individual pieces to create a mobile.

Linked to our Science work on sound, we research materials, develop our ideas and construct ear defenders

Summer 1

We explore the micro photography of Levon Biss and produce large scale drawings of tiny insects.

We develop our skills in colour mixing and with watercolours. We develop our skills using pencil and paint to produce a range of effects.

We look at the biological/ botanical drawings of artists/scientists in the past and make close observational drawings of nature- plants, leaves and flowers.

(We explore pattern making and printing techniques and use recycled materials to print on a reusable bag) Time dependent.

Summer 2

(Cont) We explore the micro photography of Levon Biss and produce large scale drawings of tiny insects.

We develop our skills in colour mixing and with watercolours. We develop our skills using pencil and paint to produce a range of effects.

We look at the biological/ botanical drawings of artists/scientists in the past and make close observational drawings of nature- plants, leaves and flowers.

(We explore pattern making and printing techniques and use recycled materials to print on a reusable bag) Time depen

Music

Michaelmas 1

Ceremony of Carols Performance
Preparation:

Theory and musicianship skills.
Singing and performance techniques:
sight singing, tonality/key signatures and
introduction to scales and chords.

Michaelmas 2

(Cont) *Ceremony of Carols* Performance
Preparation:

Theory and musicianship skills.
Singing and performance techniques:
sight singing, tonality/key signatures and
introduction to scales and chords.

Lent 1

Fairytales in Opera: Hansel and Gretel

Lent 2

Cultural Heritage and Song: discovering
the way in which our unique stories can
be captured through music and
movement.

Summer 1

Musical production

Summer 2

Musical production

Drama

Michaelmas 1

Introduction to basic drama skills and terms

Blocking

Setting

Levels and status

Michaelmas 2

Skills in Practice

Using text to put new skills into practice and evaluating our work.

Lent 1

Collaborative Performance with Music Department

Preparation by learning dramatic techniques which can be used in devised performance.

Character observations

Physicality and vocal expression

Lent 2

Collaborative Performance with Music Department

KS2 students will contribute to the devising and rehearsal of a performance to whole school and parents at the end of term

Summer 1

Exploring the Theatre: Production design and tech

How can a narrative without text be supported using costume and set design?

Summer 2

Exploring the Theatre: Production design and tech

Creating your own non-verbal narrative which is supported by theatrical design devices.

Spanish

Michaelmas 1

Languages Week

Revision of family members, colours and physical appearance.

Focus on both the masculine and feminine singular, and the masculine and feminine plural forms of nouns.

Focus on third person singular of tener and negative form. First person possessive adjective.

Halloween activities.

Michaelmas 2

The parts of the body.

Revision of adjectival agreement.

Christmas in Spain.

Lent 1

The parts of the body.

Lent 2

Revision and extension of food vocabulary.

Expressing likes and dislike

Summer 1

The weather by season.

Clothing by season.

The near future tense (using the verb 'to go' plus the infinitive).

Summer 2

Animals and insects, including description of size, colour and movement.

Adjectival agreement.

Asking and answering 'How are you?'

Michaelmas 1

Football.

To be able to maintain possession of the ball through dribbling
 To be able to maintain possession of the ball through passing
 To be able to contest possession through tackling
 To be able to state the teaching points to punting the football into goal
 To be able to identify tactics to maintain possession of the ball
 To be able to perform in a competition with outstanding sportsmanship

Basketball

passing, dribbling shooting, defending, game play

Positions and tactical play in attack and defensive. Footwork

Michaelmas2

Tag Rugby

To be able to communicate, pass the ball and move into space to receive the ball
 To be able to make a safe tackle
 To be able to maintain possession momentum by support running
 To be able to maintain possession by recycling the ball
 To be able to restart the game
 To be able to perform in a competition with outstanding sportsmanship

Handball

Rules, new skills of handball, passing dribbling, shooting, defending

Match play

Lent 1

Indoor Hockey

Passing, dribbling, shooting,
 (Limited tackling and game play)

Dance

Develop flexibility, strength, technique, control and balance within Dance.
 Perform dances using a range of movement patterns individually and in a pair creating a sequence.

Lent 2	Summer 1	Summer 2
<p>Netball</p> <p>To be able to communicate, pass the ball and move into space to receive the ball.</p> <p>To be able to dribble the ball.</p> <p>To be able to state the teaching points of the set shot.</p> <p>To be able to state the teaching points of the lay-up shot.</p> <p>To be able to defend in a 1v1</p> <p>To be able to perform in a competition with outstanding sportsmanship.</p>	<p>Athletics</p> <p>To be able to identify correct sprinting technique</p> <p>To be able to identify correct pacing strategies for a variety of distances</p> <p>To be able to identify correct long jumping technique</p> <p>To be able to identify correct throwing technique</p> <p>To be able to identify correct technique for relay baton change overs</p> <p>Striking and Fielding</p> <p>To be able to under arm throw and low cradle catch a ball accurately.</p> <p>To be able to over arm throw and high cradle catch a ball accurately.</p> <p>To perform simple or complex over arm bowling accurately with consistency.</p> <p>To be able to bat the ball in a variety of ways</p> <p>To be able to create fielding and batting tactics</p> <p>To be able to perform in a competition with outstanding sportsmanship</p>	<p>Athletics</p> <p>To be able to identify correct sprinting technique</p> <p>To be able to identify correct pacing strategies for a variety of distances</p> <p>To be able to identify correct long jumping technique</p> <p>To be able to identify correct throwing technique</p> <p>To be able to identify correct technique for relay baton change overs</p> <p>Tennis</p> <p>Sequences</p> <p>Serves</p> <p>Forehand</p> <p>Backhand</p> <p>Competitive play</p>

Michaelmas 1

Rights, Rules and Responsibilities

Paws b 12-week mindfulness course (MiSP)

Michaelmas 1

My Emotions

Anti-bullying

Paws b 12-week mindfulness course (MiSP)
Continued

Lent 2

Working together

Financial Capability

Lent 2

Healthy and Safer Lifestyles: Sex and
Relationships Education

Drug Education

Summer 1

Healthy and Safer Lifestyles: Managing risk,
Safety Contexts

Summer 2

Healthy and Safer Lifestyles: Healthy Lifestyles