

Curriculum Overview

Year 6 Term One 2017

R.E. Come and See



Loving

Hinduism

Vocation and Commitment

Judaism

Expectations



Mathematics

Number and Place Value

Read, write, order and compare numbers to 10 million and determine the value of digits. Round whole numbers to a required degree of accuracy.

Calculations: Four operations

Use formal written methods. Perform mental calculations. Identify factors, multiples and prime numbers. Use the order of operations in calculations. Solve multi-step problems. Use estimation to check answers.

Fractions

Use common factors and multiples. Order fractions >1 . Add and subtract fractions with different denominators. Multiply and divide fractions.

Decimals

Calculate decimal fraction equivalents. Identify the value of digits to 3 decimal places. Multiply and divide giving answers to 3 decimal places. Multiply numbers with 2 decimal places by whole numbers.

Measurements

Solve problems involving the calculation and conversion of units of measure, using decimal notation.

English

Narrative: Journey to Jo'burg

Biographies (Nelson Mandela, Martin Luther King, Rosa Parks)

Traditional Texts: A Christmas Carol

Poetry: War Poems

READING

Read a range of narrative genres. Recommend books to others. Make comparisons within and across books. Discuss authors' use of language, including figurative language, considering the impact on a reader. Provide reasoned justifications for their views.

WRITING

Use knowledge of spelling patterns in independent writing. Develop legible handwriting style. Plan writing to suit audience and purpose, drawing on models. Develop character and setting in narrative. Select grammar and vocabulary for effect.

Use a wide range of devices to build cohesion within and across paragraphs.

GRAMMAR

Use the passive voice.

Use full punctuation.

Use language of subject/object.



Curriculum Overview

Year 6 Term One 2017



Personal, Social and Health Education (SEAL)

New Beginnings

Belonging

Understanding my feelings

Managing my feelings: calming down.

Learning and playing together

Social skills: rights and responsibilities.

Making choices

Getting on and falling out

Friendship: different points of view.

Managing feelings: anger.

Resolving conflict: solving problems in
friendship.

Say no to bullying

Bullying behaviours

Spanish

Be familiar with classroom routines.

Be able to follow instructions.

Present confidently, speaking audibly
and clearly with good pronunciation.

Understand a Spanish text.

Learn cultural differences relating to
school uniform and school life.

Know the names of members of the
family in Spanish.

Spanish carols.

Christmas traditions in Spanish
speaking countries.



Computing

E-Safety

We are app planners

We are programmers

Research, design & write apps and programs.

Use sequences, repetition, inputs,
variables and outputs in programs.

Detect & correct errors in programs.

Understand uses of networks for
collaboration and communication.

P.E.

Invasion Games

Hockey

Dance

'Making the Grade'



PSHE Week

Stay Safe:

Smoking, Drug and Alcohol Education

Healthitude

COPSTARS



International Day

Armistice Day

International Day for Democracy



Curriculum Overview

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Science

Physics: Electrifying

Associate the brightness of a lamp or the volume of a buzzer with the number and voltage of cells used in a circuit. Compare and give reasons for variations in how components function, including the brightness of bulbs, loudness of buzzers and the on/off position of switches. Use recognised symbols when representing a simple circuit in a diagram.

Biology: Staying Alive

Identify and name the main parts of the human circulatory system, and describe the functions of the heart, blood vessels and blood. Recognise the impact of diet, exercise, drugs and lifestyle on the way their bodies function. Describe the ways in which nutrients and water are transported within animals, including humans.

History

Crime and Punishment

Devise historically valid questions about change, cause, similarity and difference.

Make connections and contrasts, and note trends over time.

Use and evaluate a range of primary and secondary sources.

Geography

Use 4- and 6- figure grid references, symbols and keys on Ordnance Survey maps. Describe and understand key aspects of physical geography (climate zones, biomes, vegetation belts, mountains).



Art and Design

Artists through the ages

Learn about great artists and movements.

Improve mastery of art and design techniques, including drawing and painting, for example in pencil, charcoal and paint.

Design and Technology

Focus: textiles

Use research and develop criteria to inform the design of products that are fit for purpose. Communicate ideas through annotated sketches and diagrams. Analyse and evaluate existing products.

Music

Analyse the lyrics of songs based on crime and punishment (Oliver, A Christmas Carol).

Perform with control and expression in ensemble and solo performances.

Listen to detail and recall aurally.

Develop an understanding of the history of music, including great musicians.

Curriculum Overview

Year 6 Term Two 2018



R.E. Come and See

Sources

Unity

Death and New Life



Mathematics

Word Problems

Solve problems involving all of the above.

Percentage

Solve problems involving calculating and using percentages for comparison.

Ratio

Solve problems involving the relative sizes of two quantities. Solve problems with unequal sharing and grouping.

Algebra

Generate and describe linear number sequences. Express missing number problems algebraically. Find numbers that satisfy an equation with 2 unknowns.

Area and Perimeter

Recognise when it is possible to use formulae for area/volume of shapes calculate the area of parallelograms/triangles.

Properties and Shapes

Classify geometric shapes based on their properties. Find unknown angles in regular polygons. Recognise angles where they meet at a point, are on a straight line, or are vertically opposite, and find missing angles.

Position and Movement

Describe positions on the coordinate grid. Draw, reflect and translate simple shapes.

English

Short Stories:

Up

Jessie's Song

The Day the Crayons Quit

The Day the Crayons Came Back

Revision

READING

Read a broad range of narrative texts. Support inferences with textual evidence. Summarise key points drawn from more than one paragraph. Identify how language, structure and presentation contribute to meaning. Articulate arguments and opinions.

WRITING

Use knowledge of spelling patterns in independent writing. Select grammar and vocabulary for effect. Develop character and setting in narrative.

GRAMMAR

Ensure grammatical consistency, including consistent use of tense.



Curriculum Overview

Year 6 Term Two 2018

Personal, Social and Health Education (SEAL)

Going for Goals

Knowing myself
Planning to reach a goal
Persistence
Making choices

Good to be me

Knowing myself: Who and what I am
Understanding my feelings: 'losing it'.
Feeling worried
Listening to others and making my own
choices.



Spanish

Cultural differences in housing.
Unfamiliar vocabulary.
Identify the sounds of letters in the
alphabet.
Recognise the meaning of eight rooms of
the house in Spanish.
Identify nouns and adjectives in a text.
Abbreviations used in Spanish.
Use a dictionary to identify nouns,
verbs, adjectives and adverbs.
Read phrases with appropriate
intonation and expression.
Be able to ask for repetition in Spanish.
Be able to sustain an unrehearsed
conversation.

Computing

E-Safety

We are market researchers
We are interface designers
Research & design apps and programs.
Detect & correct errors in programs.
Understand uses of networks for
collaboration & communication.
Evaluate digital content.

P.E.

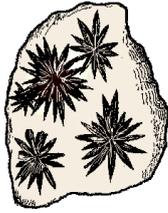
Net/wall games
Tennis

Striking and Fielding
Cricket



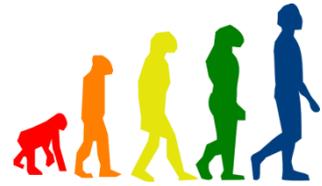
International Day
World Wildlife Day





Curriculum Overview

Year 6 Term Two 2018



Science

Biology: Classifying Critters

Describe how living things are classified into broad groups according to common observable characteristics and based on similarities and differences, including micro-organisms, plants and animals. Give reasons for classifying plants and animals based on specific characteristics.

Biology: We're Evolving

Recognise that living things have changed over time and that fossils provide information about living things that inhabited the Earth millions of years ago. Recognise that living things produce offspring of the same kind, but normally offspring vary and are not identical to their parents. Identify how animals and plants are adapted to suit their environment in different ways and that adaptation may lead to evolution.

History

Vikings and Anglo-Saxons

The Viking and Anglo-Saxon struggle for the Kingdom of England to the time of Edwards the Confessor.

Britain's settlement by Anglo-Saxons and Scots.

The Battle of Hastings.



Geography

Name and locate counties, cities and geographical regions of the United Kingdom, identifying human and physical characteristics, key topographical features and land-use patterns.

Identify the position and significance of latitude, longitude, Equator, Northern Hemisphere and Southern Hemisphere.

Art and Design

Viking Shields

Use sketchbooks to record observations and designs, and to revisit and evaluate ideas.

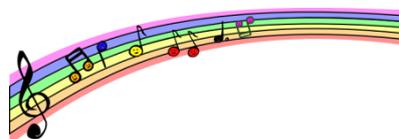
Design and Technology

Use research and criteria to develop products. Understand and use mechanical systems in product design.

Music

Perform with control and expression in ensemble and solo performances.

Listen to detail and recall aurally.



Curriculum Overview

Year 6 Term Three 2018



R.E. Come and See

Witnesses
Healing
Common Good



Mathematics

Statistics (graphs and averages)

Interpret and construct pie charts and line graphs and use these to solve problems.
Calculate and interpret the mean as an average.

Negative numbers

Use negative numbers in context, and calculate intervals across 0.

Volume

Calculate, estimate and compare volume of cubes and cuboids using standard units, including cubic centimetres and cubic metres.

Properties and Shapes

Draw 2-D shapes using given dimensions and angles. Recognise, describe and build simple 3-D shapes, including making nets.

Illustrate and name parts of circles, including radius, diameter and circumference.

Position and Movement

Describe reflections and movements.

Statistics (graphs and averages)

Convert miles to kilometres and vice versa.
Read and interpret line graphs.



English Revision

Dear Mother Earth...
Narrative: Skellig

READING

Discuss how authors use language, including figurative language, and consider the impact on a reader. Identify how language, structure and presentation contribute to meaning. Infer characters' thoughts, feelings and motives, and justify with textual evidence. Use spoken language to speculate, make predictions and explore texts. Ask questions to improve understanding of a text.

WRITING

Use appropriate style and tone.
Use knowledge of morphology and etymology in spelling. Select appropriate grammar and vocabulary, understanding how such choices can change and enhance meaning.

GRAMMAR

Use full punctuation within independent writing. Ensure correct subject and verb agreement.

Curriculum Overview

Year 6 Term Three 2018

Personal, Social and Health Education (SEAL)

Relationships

Understanding my feelings: grief.

Managing my feelings: loss.

Social skills: breaking friends.

People who are important to us.

Forgiveness.

Making choices: The 'right' decision.

Changes

Knowing myself: What is good about me?

Understanding my feelings: change.

Mixed feelings about going to secondary
school.

Managing my feelings: When I change
school.



Whole school curriculum week

What a wonderful world



PE

Gymnastics
'Group Dynamics'

Athletics
Run, jump, throw

Computing

E-Safety

We are app developers

We are marketers

Design & write apps and programs.

Use sequences, repetition, inputs,
variables and outputs in programs.

Detect & correct errors in programs.

Spanish

Understand where Spanish is spoken
throughout the world.

Choose a country/town for a holiday.

Investigating climate and selecting dates.

Research food typical of Spain.

Present information about an aspect of
Spanish culture.



International Day

World Oceans Day





Curriculum Overview

Year 6 Term Three 2018

Science

Physics: Let it Shine

Recognise that light appears to travel in straight lines. Use the idea that light travels in straight lines to explain that objects are seen because they give out or reflect light into the eye. Explain that we see things because light travels from light sources to our eyes or from light sources to objects and then our eyes. Use the idea that light travels in straight lines to explain why shadows have the same shape as the objects that cast them.

History

Mayan civilisation

A non-European society that provides contrasts with British History.

Geography

Identify the position and significance of the Tropics of Cancer and Capricorn, Arctic and Antarctic Circles and time zones.

Understand key geographical similarities and differences through study of the Americas: Chichen Itza.

Use fieldwork to record and explain areas: Moel Famau and Loggerheads.



Art and Design

Wonders of the World

Learn about the work of great artists, architects and designers in history.

Use sketchbooks to record close observations.

Design and Technology

Focus: Food technology

Prepare and cook savoury dishes for a healthy and varied diet.



Music

Improvise and compose using dimensions of music.

Use and understand basics of staff notation.

Residential Visits

Spain

Outdoor and Adventurous: Pioneer

