



Year 5 Curriculum Booklet

Term Spring 2.1

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
School Values	Respect	Honesty	Friendship	Commitment	Understanding	Equality
Art and Design	Abstract Art Self-portraits	NA	Art or Vandalism? Graffiti Art	NA	Portraits Exploring Surrealism using collage	NA
Design Technology	NA	Structure: frame structures	NA	Electronics: complex switches	NA	Food: celebrating culture and seasonality
Computing	Systems and Searching	Video Production	Selection in Physical Computing	Flat File Databases	Vector Graphics	Selection in Quizzes
English Reading	Who let the Gods out? Mythologica	Mark of the Cyclops An ancient Greek Mystery	Henry's Freedom box	The story of Slavery	Malala -My story of standing up for girls The Boy who swam with Pir-	Wonder
English Writing	Narrative Non-chronological report	Narrative Letter Poetry	Diary Newspaper report	Narrative Letter Balanced argument	Biography Narrative Poetry	Narrative Newspaper report Non-chronological report
Geography	Geography of Greece/ Earthquakes and Volcanoes	NA	North America/Map reading skills	NA	South America/ Deforestation	NA
History	NA	What impact did the Ancient Greeks have on the western world?	NA	Is Britain ashamed of slavery?	NA	Are we ever too small to make a difference?

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Mathematics	Place Value Addition and Subtraction Data Handling	Multiplication and Division Perimeter and Area	Multiplication and division Fractions	Fractions Decimals and percentages	Decimals Properties of shape and angles	Position and direction Converting units Volume
Music	Lean on Me Soul	Stop	Blackbird	Livin' On a Prayer Rock	Keyboard Course	Keyboard Course
Physical Education	Basketball	Gymnastics Swimming	Yoga	OAA	Tennis	Athletics Tennis
Personal, Social, Health, Economic Education	What makes up a person's identity?	What decisions can people make with money?	Growth and change	How can friends communicate safely?	How can drugs common to everyday life affect health?	What jobs would we like?
Religious Education	Caring for others, animals and the environment Sharing and being generous	Being loyal and steadfast Being hopeful and visionary	Being open, honest and truthful Being silent and attentive to and cultivating a sense for the sacred and transcendent	Participating and willing to lead Being modest and listening to others	Being temperate, exercising self discipline and cultivating serene contentment Being accountable and living with integrity	Being thankful Being imaginative and explorative
Science	How can different materials be separated?	How do chemical changes have an impact on our lives today?	How are mechanisms helpful?	What is the effect of the Earth turning on different places around the world?	How do the life cycle of mammals compare with other living things?	What is the impact of alcohol and drugs on the human body?
Mandarin	History of Chinese characters Radicals Stroke Classroom objects	Key words and sentences for mid-Autumn festival	Chinese New Year traditions and customs Pet and animals Family members	Parts of the body Measure words Food and drink items	Countries Nationalities Colours Time phrases Places in town	Revision Cultural Project

Art and Design

What will we be learning about this half term

Art or Vandalism?

Difference between graffiti and vandalism

Creating stencils and textures using pencils and paints.

Keywords

Graffiti

Spray paint

Template

Stencil

What you could do at home

Looking at graffiti art in the local area or in places like the City Centre. Which examples are art? Which are vandalism. How do you think they created that piece of graffiti?

Useful Websites



Computing

What will we be learning about this half term

Creating vector drawings. Learning how to use different drawing tools to help them create images. Learners layer their objects and begin grouping and duplicating them to support the creation of more complex pieces of work.

Keywords

Vectors

Drawing

Digital Art

iPad

Objects

Layering

What you could do at home

Looking at drawing digital art at home, through a computer or tablet app. There are plenty of free vector drawing apps available that they can practise with at home.

Useful Websites



Reading

What will we be learning about this half term

To retrieve more complex information from and text and present information differently.

To infer information about settings and characters in texts.

Class text: Henrys freedom box

Freedom box

Keywords

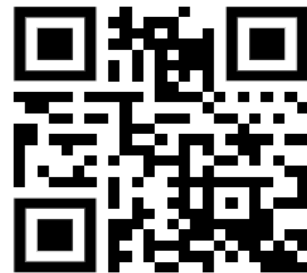
Context clues, key information, retrieval , infer, summarise, thoughts, motives, scan, background knowledge , clues,

locate

What you could do at home

Read with your child for at least twenty minutes everyday, this could be a magazine, an online article or a book.

Useful Websites



Writing

What will we be learning about this half term

Writing poetry using figurative language

Writing retells based on Henry's Freedom box

Writing an informal letter

Keywords

Slavery

Injustice

Informal

Similes

Personification

Metaphors

What you could do at home

Learn more about figurative language! Can you think of some of your own examples?

Write a letter to someone you know.

Practise handwriting so that it is legible and cursive.

Useful Websites

Figurative language



Writing a letter



Geography

What will we be learning about this half term

North America/Map reading skills

To use four figure grid references when reading a map

To use 8 compass points when reading a map

To name and locate the countries and capital cities of North America

To identify the key human and physical features of North America

To understand the climate of North America and how and why this varies

Keywords

Map

Continents

Countries

Cities

Mountains

Climate

Landmarks

What you could do at home

Encourage your child's curiosity about the world.

Discover different countries and cities on map.

Explore interesting facts about the world's third largest continent.

Useful Websites

Facts about North America



Mathematics

What will we be learning about this half term:

Area

Perimeter

Fractions

Adding/Subtracting Fractions

Comparing/Ordering Fractions

Keywords

Area

Perimeter

Fractions

Numerator

Denominator

Equivalent

Simplify

What you could do at home:

Look at how fractions can be found in the home. Half of a bag, quarter of an hour. Get your children used to using the language around fractions.

Practising adding and subtracting fractions both practically and on paper.

Useful Websites



Music

What will we be learning about this half term:

To sing "Livin' On A Prayer"

To play instrumental parts with the song from notation using the notes;

G, A + B or D, E, F# + G

To improvise and compose a simple melody using simple rhythms choosing from the notes G, A + B or G, A, B, D + E (Pentatonic Scale)

Keywords:

Pulse

Rhythm

Tempo

Pitch

Dynamics

Dimensions

Composition

What you could do at home:

To help support the learning, provide opportunities to listen to a range of songs. Allow children to identify the pulse (the regular heartbeat of the music; its steady beat). Encourage conversations regarding the instruments they can hear and the meaning behind the songs they are listening to.

Useful Websites:

Why is music important?



Physical Education

What will we be learning about this half term

Yoga

Pupils learn about mindfulness and body awareness. They learn yoga poses and techniques that will help them to connect their mind and body. The unit looks to improve well being by building strength, flexibility and balance. The learning includes breathing and meditation taught through fun and engaging activities. Pupils will be given the opportunity to work collaboratively with others and be given the opportunity to create their own flows and lead others.

Keywords

Balance, strength, flexibility,
Coordination, leadership

What you could do at home

Encourage children to take part in a range of fitness activities to develop their components of fitness

Useful Websites



PSHE

What will we be learning about this half term:

How will we grow and change?

We are learning:

About puberty and how bodies change during puberty.

How puberty can affect emotions and feelings.

How personal hygiene routines change during puberty.

How to ask for advice and support about growing and change in puberty.

Keywords:

Vagina

Penis

Breasts

Puberty

Grow

Change

Male

Female

Consent

What you could do at home

Reassure your child that these lessons are taught as part of our planned PSHE programme and that some of the lessons are single sex lessons.

Encourage healthy, organic conversations about the normality of our bodies changing as we grow older.

Useful Websites

Sad and Happy—Feelings Happen



Religious Education

What will we be learning about this half term

Being open, honest and truthful. Being silent and attentive to and cultivating a sense for the sacred and transcendent

How Christianity and Islam teach you to listen and see what's important.

Keywords

Attentive, silent, honesty, open, transcendent, sacred, Islam, Christianity

What you could do at home

Ask children these questions

What is it like when you are really quiet?

How does Islam teach you to listen and see what's important?

How does Christianity teach you to listen and see what's important?

Useful Websites



Science

What will we be learning about this half term

Understanding what gravity is.

—to explain the effects of different forces on objects

-to plan an experiment that involves air resistance.

-to understand and explain the effects of water resistance acting between surfaces.

- To identify the effects of friction

Keywords

Gravity, force, newtons, air resistance , friction, fair test, speed, diameter, investigation

What you could do at home

Could plan an experiment that involves air resistance.

Children can explore resistance in water by making and testing boats of different shapes. They might design and make products that use levers, pulleys, gears and/or springs and explore their effects.

Useful Websites

