



# Year 6 Curriculum Booklet

## Spring Term 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	Controversial to Inspirational Sculpture	NA	Surrealist War Art	NA	Who Am I? Digital Media portraits	NA
Design Technology	NA	Mechanical systems: pulleys or gears	NA	Textiles: combining different shapes	NA	Food: celebrating culture and seasonality
Computing	Online Safety 2 weeks Excel	MicroBit: Coding	Webpage Creation	ECC: Drawing Logos	Sphero—Chariot Egg Challenge	ECC: Video Short Film
English Reading	The Wise Fool -fables from the Islamic world Aladdin	A Christmas Carol	Letters from the Lighthouse	Letters from the Lighthouse	Refugee Boy	Windrush Child
English Writing	Narrative Non-chronological report Poetry	Narrative Biography Diary	Narrative Newspaper report	Narrative Letter	Narrative Balanced argument	Narrative Non-chronological report
Geography	Biomes	NA	Latitude/ Longitude/Time zones/Impact of War in the Commonwealth	NA	Migration and its impact on Birmingham	NA
History	NA	Why was the Islamic Civilisation known as the golden age?	NA	What contributed to Britain's victory in WW2?	NA	Has migration made Britain great?

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Mathematics	Place Value Four Operations	Fractions Decimals	Percentages Position and Direction Algebra	Converting Units Perimeter, area and volume. Ratio	Properties of shape Problem solving	Data Handling Investigations
Music	Happy Pop/Neo Soul	You've Got A Friend 70s Ballad/Pop	Music and Me Create your own music	Classroom Jazz 1 Bacharach & Blues	Classroom Jazz 2 Bacharach & Blues	Classroom Jazz 2 Bacharach & Blues
Physical Education	Basketball	Badminton	Gymnastics	Fitness	Cricket	Athletics
Personal, Social, Health, Economic Education	How can we keep healthy as we grow?	How can we keep healthy as we grow?	How can the media influence people?	How can the media influence people?	What will change as we become independent?	How do friendships change as we grow?
Religious Education	Living by rules Being fair and just	Creating unity and harmony Cultivating inclusion, identity and belonging	Remembering roots Being courageous and confident	Being regardful of suffering Being merciful and forgiving	Expressing joy Appreciating beauty	Being curious and valuing knowledge Being reflective and self critical
Science	How are plants and animals classified?	How might the need for adaptation lead to evolution?	How does lifestyle impact on health?	What components could be changed within a circuit and what effect would it have?	What is the impact of light travelling in a straight line?	What can the robot do?
Mandarin	Countries Places My feelings Classroom language	Festivals and celebrations in China Month and date Days of the week Daily routine	Celebrating Chinese New Year Animals and pets Food and drink	Describing people Body parts Colours	Family members Visiting China Famous places in China Chinese food	Revision Cultural project

# Art and Design

## What will we be learning about this half term:

Explore examples of surreal art and war art

Sketch in the style of Paul Nash and Henry Moore

Explore texture with watercolours

Produce and evaluate a piece of surreal war art using both artists as inspiration

## Keywords:

Sketch

Texture

Fine

Thick

Surrealism

Foreground

Background

## What you could do at home:

Explore Paul Nash and Henry Moore's artwork and consider the colours, texture and emotions he creates.

Explore the different types of lines you can sketch with your pencil—  
How can you change thickness and tone of the lines?

## Useful Websites:



Paul Nash

Tate kids



Henry Moore

Tate kids

# Computing

## What will we be learning about this half term:

What makes a good website?  
Ways in which you could lay out a webpage  
Creating our own web page  
Understanding copyright  
Creating hyperlinks

## Keywords:

Website  
HTML code  
Copyright  
Hyperlinks  
User experience  
Fair use

## What you could do at home:

Visit websites and explore how their layouts are similar or different  
What logos at home do you think might have a copyright attached to them?

## Useful Websites:



Stem website



Scratch

# Reading

## What will we be learning about this half term:

- To make a range of inferences.
- To predict what might happen from details stated and implied.
- To summarise the main ideas from a paragraph
- To identify/explain how meaning is enhanced through choice of words and phrases

## Keywords:

- Infer
- Inference
- Predict
- Summarise
- Author's choice

## What you could do at home:

- Ensure your child reads for at least thirty minutes everyday and records their responses in their home reading journals.

## Useful Websites:



Love to Read



Books for Topics

# Writing

## What will we be learning about this half term:

The structure and language features of a diary and a flashback narrative.

Applying a range of writing skills to a diary and flashback narrative based on 'Letters from the Lighthouse'.

## Keywords:

Diary entry

Informal language

Flashback

Narrative technique

Cohesion

## What you could do at home:

Generate language for description.

Writing cohesive paragraphs with related ideas.

Accurate use of a range of punctuation, e.g. apostrophes, commas, etc.

Practise handwriting so that it is legible and cursive.

## Useful Websites:



Creative writing - BBC bitesize

# Geography

## What will we be learning about this half term:

The commonwealth and it's importance .

Locating places using latitude and longitude.

Identify time zones on a map.

The impact of war on economy.

Physical and human geography of India.

## Keywords:

Commonwealth

Resources

Economy

Significance

Longitude

Latitude

Time zone

Human and physical geography

## What you could do at home:

What can you find out about the commonwealth —how many countries are there?

Find out why we have time zones—what is the time difference between different countries in the world?

## Useful Websites:



Introduction to commonwealth



Introduction to time zones

# Mathematics

## What will we be learning about this half term:

To calculate percentages of an amount.

To solve problems involving percentages.

Use and recall simple equivalences between fractions, decimals and percentages.

Use simple formulae.

## Keywords:

Percent

Percentage

Equivalence

Algebra

Formula

Reflect

Translate

Co-ordinate grid

## What you could do at home:

Ensure your child is secure with their multiplication and division facts by allowing them to play on TTRockstars.

Ensure they are completing maths homework weekly.

## Useful Websites:



Top Marks



Maths Frame



# Music

## What will we be learning about this half term:

Unit: Music and Me

Explore how music can shape cultural identity.

Listen and appraise a range of music.

The background of different female artists.

Create an individual piece of music.

## Keywords:

Cultural identity

Appraising

Composition

Pulse

Tempo

Dynamics

## What you could do at home:

Explore different music from across the world—what different instruments are used in different cultures?

Find the pulse for popular songs suitable for your child's age.

Create rhythms using household objects.

## Useful Websites:



Music from around the world



BBC teach music

# Physical Education

**What will we be learning about this half term:**

Gymnastics

**Keywords:**

Physical straddle roll

Counterbalance

Counter tension

Bridge,

Shoulder stand

Handstand

Headstand.

**What you could do at home:**

Explore different balances and find a quiet space to practise them.

Practise simple breathing techniques to focus the mind and calm the body.

Watch famous gymnasts perform their movements.

**Useful Websites:**



Gymnastics at home



# PSHE

## What will we be learning about this half term:

How the media affects people's wellbeing.

Rules for sharing media online.

The reliability of online content.

What influences someone to engage in online activities and the impact it can have.

## Keywords:

Personal data

Gambling

Consequences

Content

Social media

Influence

Wellbeing

Fake news

## What you could do at home:

Discuss the risks that can arise when posting things online.

Learn about how to spot fake news.

## Useful Websites:



Social media and your children—advice for parents



How to spot fake news—kids

# Religious Education

## What will we be learning about this half term:

- Remembering roots.
- Being courageous and confident.
- Being regardful of suffering.
- Being merciful and forgiving.
- Expressing joy.

## Keywords:

- Roots
- Courageous
- Confident
- Regardful
- Merciful
- Expressing

## What you could do at home:

- Think about all the ways you have been confident in front of friends.
- Make a list of all the ways you practise being forgiving at home.

## Useful Websites:



BBC  
bitesize—  
Christianity

# Science

## What will we be learning about this half term:

Evolution and inheritance.

How fossils are formed.

Changes to living things over time.

Adaptation of animals and plants to their environment.

Inheritance from parent to offspring.

## Keywords:

Inheritance

Evolution

Fossils

Adaptation

Offspring

## What you could do at home:

Why can polar bears live in such cold climates? Why can cactus grow in hot deserts? Think of some living things you have learnt about already and consider where they live and why they can survive where they live.

## Useful Websites:



Introduction to evolution and inheritance