



# Year 6 Curriculum Booklet

Autumn Term 1.1



	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		ECC: Drawing Logos	Sphero—Chariot Egg Challenge	ECC: Video Short Film
English Reading	Letters from the Lighthouse	A Christmas Carol	The Wise Fool -fables from the Islamic world	Early Islamic Civilisation	Aladdin Refugee Boy	Windrush Child
English Writing	Narrative Non-chronological report	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	Recorders	Dancing in the Street Motown	Happy Pop/Neo Soul	Classroom Jazz 2 Bacharach & Blues	You've Got A Friend 70s Ballad/Pop	Music and Me Create your own music
Physical Education	Basketball	Outdoor Adventurous Activities Dodgeball	Yoga Tag Rugby	Handball Yoga	Athletics Cricket	Athletics Cricket
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:

Exploring Islamic patterns.

Discovering a range of wire sculptures.

Designing Islamic patterns to sculpt using wire.

Developing skills to create a wire sculpture.

## Keywords:

Sculpture

Vegetal patterns

Geometric patterns, bending, twisting,

## What you could do at home:

Create a newspaper sculpture based on Islamic architecture.

Research a range of Islamic patterns.

## Useful Websites:

<https://www.youtube.com/watch?v=LlKVclWP5RU>

<https://www.youtube.com/watch?v=rnwAaN5culs>



# Computing

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

Staying safe on social networks and how to report concerns.

Using Ms Excel to enter data into a spreadsheet, create a simple table, format cells and calculate and analyse data.

## Keywords:

Cell

data

Format

Sum

Average

Formulae

Questionnaire

## What you could do at home:

Discuss with your children the risks associated with online platforms and how they can safe.

Children can create questionnaires on a range of topics, for example, favourite family board games or favourite food. Data can be represented in tally charts and presented using a range of graphs.

## Useful Websites:

[https://  
classroom.thenational.academy/  
units/spreadsheets-ecb4](https://classroom.thenational.academy/units/spreadsheets-ecb4)

[https://support.microsoft.com/  
en-us/office/basic-tasks-in-excel-  
dc775dd1-fa52-430f-9c3c-  
d998d1735fca](https://support.microsoft.com/en-us/office/basic-tasks-in-excel-dc775dd1-fa52-430f-9c3c-d998d1735fca)



# Reading

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

Exploring characters and events from Islamic fables.

Retrieving key information and detail from both fiction and non fiction texts.

Recording information in different ways.

## Keywords:

Fable, moral, Islamic world, retrieve, locate, skimming, scanning, characterisation, comparison.

## What you could do at home:

Ensure your child reads for at least twenty minutes everyday and record their responses in their home reading journals.

Ask your child a range of question as they are reading. Discuss any new vocabulary they encounter.

## Useful Websites:

<https://www.lovereadings4kids.co.uk/>

<https://www.booksfortopics.com/>

<https://www.booktrust.org.uk/>



# Writing

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

Write a character description

Write a setting description

Use ambitious, descriptive vocabulary

Use conjunctions to extend ideas

Organise ideas and paragraph.

## Keywords:

Narrative: fable, moral, characterisation and settings.

Non-fiction: Baghdad, Round City, civilisation, inventions, scholars, significant, advancements and contributions.

## What you could do at home:

Ask your child to write a description of their favourite book character or a setting from their favourite book.

Encourage your children to use paragraphs and accurate punctuation.

Practise handwriting so that it is legible and cursive.

## Useful Websites:

Creative writing - KS2 English - BBC Bitesize. <https://www.bbc.co.uk/bitesize/topics/zpccwmn>

Punctuation revision— <https://www.bbc.co.uk/bitesize/topics/zvwwxnb>



# Geography

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

To understand the climate zones of the world in relation to the tropics and equator

To name and describe the biomes of the world with a key focus on the savanna and desert biomes.

To compare and contrast the biomes in a non-European country.

To compare London to a capital city in a non-European country.

## Keywords:

Climate, equator, biomes, savanna, desert, tropical rainforest, tundra, fauna, flora, adaptations, identify, locate, compare, contrast, human features and physical features.

## What you could do at home:

Research and create a fact file about a biome of the world.

Create a poster about all of the different biomes of the world.

## Useful Websites:

<https://www.bbc.co.uk/bitesize/topics/z849q6f/articles/zvsp92p>

<https://education.nationalgeographic.org/resource/resource-library-biomes>



# Mathematics

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

Place value of whole numbers and decimal numbers.

Four operations—addition, subtraction, multiplication and division.

## Keywords:

Place value, method, operation, calculation, rounding, comparing, ordering, negative numbers, inverse, exchange, difference, subtract, add, multiply, divide.

## What you could do at home:

Ensure your child is secure with their multiplication and division facts by playing on TTRockstars.

Ensure they are completing maths homework weekly.

## Useful Websites:

<https://trockstars.com/>

<https://www.topmarks.co.uk/Search.aspx?Subject=16&AgeGroup=3>

<https://mathsframe.co.uk/en/resources/category/22/most-popular>



# Music

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

Contemporary pop music:  
'Happy' by Pharrell Williams  
Listening and appraising the piece of music.

Singing and playing the music unison.

Improvising a piece of music.

## Keywords:

Contemporary

Appraising

Improvisation

Pulse

Unison

## What you could do at home:

Pick a song from the radio and think about the instruments are being used.

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

Create rhythms using household objects.

## Useful Websites:

[https://  
www.virtualmusicalinstruments.  
com/](https://www.virtualmusicalinstruments.com/)

[https://www.bbc.co.uk/teach/  
bring-the-noise](https://www.bbc.co.uk/teach/bring-the-noise)



# Physical Education

What will we be learning about this half term

The skills you need to play Basketball: defending, attacking, throwing, catching, dribbling and shooting.

## Keywords

Officiate

Dribbling

Protective dribble

V dribble

Strategies

## What you could do at home

Encourage your child to throw a ball at a target.

Many parks have basketball hoops. Take your child to practise shooting.

See how long your child can dribble a ball in the garden without losing control.

## Useful Websites

<https://www.youtube.com/watch?v=IkK3MGvYygY>—  
Basketball drills



# PSHE

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

Links between mental health and physical health

How to support our mental and physical health

Making choices to support a healthy lifestyle

Puberty

## Keywords:

Mental health

Physical health

Healthy lifestyle

Habits

Strategies

puberty

## What you could do at home:

Encourage your child to participate in physical activities they enjoy

Discuss with your child any concerns they may have about growing up or how to manage their mental health.

## Useful Websites:

<https://www.thelilyproject.com/>

<https://www.mind.org.uk/information-support/tips-for-everyday-living/physical-activity-and-your-mental-health/about-physical-activity/>



# Religious Education

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

Living by the rules  
Being fair and just

**Keywords:**

Rules  
Ten commandments  
Justice  
Christianity

**What you could do at home:**

Think about the rules that you follow at home and around the community, explaining why these rules are important.

**Useful Websites:**

<https://www.bbc.co.uk/teach/school-radio/assemblies-ks1-ks2-moses-10-ten-commandments-vlog-1/zjqbf82>

<https://www.bbc.co.uk/teach/class-clips-video/pshe-ks1-ks2-what-is-fair/zh98qp3>



# Science

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

Living things and their habitats.

How are plants and animals classified?

**Keywords:**

Classification, vertebrates, invertebrates, micro-organisms, amphibians, reptiles, mammals, insects.

**What you could do at home**

[What is classification? - BBC Bitesize](#)

Answer the quiz at the end

**Useful Websites**

**Review what you have learnt so far**

[Living things and their habitats - KS2 Science - BBC Bitesize](#)

