



Year 6 Curriculum Booklet

Autumn 1.2



	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
School Values	Respect	Honesty	Friendship	Commitment	Understanding	Equality
Art and Design	Surrealist War Art	NA	Controversial to Inspirational Sculpture	NA	Who Am I? Digital Media portraits	NA
Design Technology	NA	Textiles: combining different shapes	NA	Mechanical systems: pulleys or gears	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	A Christmas Carol	Letters from the Light- house	Non-fiction texts— Newspapers	Refugee Boy	Windrush Child
English Writing	Narrative Non- chronologi- cal report	Narrative Biography Diary	Narrative Letter	Newspaper report	Narrative Balanced argument	Narrative Non- chronologi- cal 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 Civi- lisation known as the golden age?	NA	What contrib- uted to Brit- ain's victory in WW2?	NA	Has migra- tion 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	Make you Feel Love	Fresh Prince of Bel Air	Dancing in the Street Motown
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

Design Technology

What will we be learning
about this half term:

Investigating different
products

Exploring different stitch types

Designing bags

Evaluating our product

Keywords:

Seam

Stitch

Fabric

Fastening

Purpose

Needle

What you could do at home

Explore how to thread a
needle

What different kind of
fabrics can you see at home

Useful Websites

[https://www.bbc.co.uk/
bitesize/guides/zjgyb82/
revision/6](https://www.bbc.co.uk/bitesize/guides/zjgyb82/revision/6)



Computing

What will we be learning about this half term

BBC Micro:bit

To know and understand what variables are

To write algorithms that use variables

To identify the uses of a step counter

To write an algorithm for a step counter

To understand how a variable can be set to a random number

To write algorithms that use random

Number variables numbers

Keywords

Micro:Bit

Algorithm

Variables

Program

Step counter

What you could do at home

Use the online Micro:Bit program to explore the inputs and variables.

Useful Websites

[https://
makecode.microbit.org/](https://makecode.microbit.org/)
<https://microbit.org/code/>
<https://microbit.org/get-started/first-steps/set-up/>



Reading

What will we be learning about this half term:

Inferring information about characters.

Making inferences about events in a text.

Justifying inferences made.

Our text this term is 'A Christmas Carol'

Keywords

Inference

Infer

Justify

Clues

Background knowledge

What you could do at home

Make everyday inferences based on events happening around you.

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

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

Using speech to develop a narrative

Using a range of adverbials to develop narrative

To experiment with language for description

To use emotive language to engage the reader

Keywords

Split speech

Direct speech

Narrative

Emotive language

Adverbials of time, place and manner

What you could do at home

Identifying the different elements of a narrative in a book that they are reading.

Building sentences with a range of adverbials.

Explore a range of descriptive techniques: ambitious adjectives, similes, metaphors and personification for a theme of their choice.

Useful Websites

<https://www.bbc.co.uk/bitesize/topics/zpccwmn>

<https://www.bbc.co.uk/bitesize/topics/zx339j6/articles/zrsxhbk>

<https://www.bbc.co.uk/bitesize/topics/z2yycdm/articles/z4qtqfr>

<https://classroom.thenational.academy/units/the-viewer-narrative-writing-159c>

<https://www.bbc.co.uk/bitesize/topics/z4mmn39/articles/z3btrwx>

History

What will we be learning about this half term

To discuss and explain the main changes in a period in history.

To explain the societal influences at certain periods in time

To identify how trade links contributed to change.

To explain how certain scientific achievements influenced society.

To compare the similarities and differences between the Dark Ages and the Golden Age of Islam.

Keywords

Golden Age

Caliphate

Caliph

Dynasty

Trade

Baghdad

Islamic Civilisation/Empire

What you could do at home

Research and create a fact file about the different caliphates

Create a poster about the 4 quarters of Baghdad City.

Create a report about significant inventions during the Golden Age.

Useful Websites

<https://www.bbc.co.uk/bitesize/topics/z3tg4wx>

https://school-learningzone.co.uk/key_stage_two/ks2_history/world_history/early_islamic_civilisation/early_islamic_civilisation.html

Mathematics

What will we be learning about this half term:

Solving problems involving the four operations

Simplifying fractions

Calculations with fractions

Problem solving with fractions

Fractions, decimals, percentages equivalence

Keywords

Fraction

Decimal

Percentage

Common multiple

Mixed fractions

Improper fractions

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:

<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 music—You've got a friend in me

Listening and appraising the song

Using glockenspiels to play some melodies

Keywords

Appraising

Improvisation

composing

Pulse

Unison

What you could do at home:

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

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

Useful Websites

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



Physical Education

What will we be learning about this half term

- **Badminton**

Keywords

- Grip
- Forehand
- Backhand
- Serve
- Ready position

What you could do at home

- Research the rules for badminton that we can implement in school. Discover what major badminton tournaments there are
- Build up your agility and practise your footwork by playing the shadow game with someone—match their movements!

Useful Websites

- <https://kids.kiddle.co/Badminton>
- <http://www.kids-sports-activities.com/rules-of-badminton.html>



PSHE

What will we be learning about this half term

Making choices to support a healthy lifestyle.

Keywords

Healthy lifestyle

Habits

Strategies

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

Useful Websites

<https://www.healthforkids.co.uk/staying-healthy/eating-healthily/>

Religious Education

What will we be learning about this half term:

Similarities and differences between us.

Unity and harmony in Islam.

Unity and harmony in the Baha'i faith.

Keywords

Unity

Harmony

Baha'i faith

humanity

What you could do at home:

Think of ways we can create unity and harmony in our own communities.

Useful Websites

<https://www.bbc.co.uk/religion/religions/bahai/>

Science

What will we be learning about this half term:

Voltage

Investigating the components that affect the brightness of a bulb

Simple circuit symbols

Comparing and contrasting components in a circuit

Keywords

Voltage

Circuit

Buzzer

Switch

Motor

Cell

Electrical current

What you could do at home

What items in your household use electricity? Do some use more electricity than others?

Investigate the symbols we use to represent electrical components—draw your own circuit using the symbols

Useful Websites

<https://www.bbc.co.uk/bitesize/articles/zw7q96f>