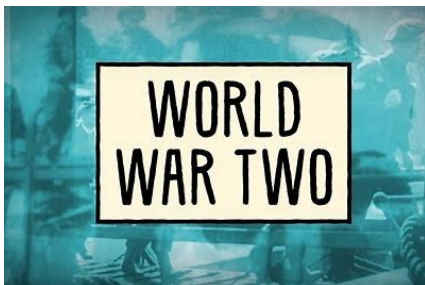




Year 6 Curriculum Booklet

Spring 2.2



	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	Textiles: combining different shapes	NA	Electrical systems and control technology.	NA	Food: celebrating culture and seasonality
Computing	Communication and collaboration	Webpage creation	Variables in games	Spreadsheets	3D Modelling	Sensing movement
English Reading	The Wise Fool - fables from the Islamic world	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	Retell 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	Dancing in the Street Motown	Happy Pop/Neo Soul	Classroom Jazz 2 Bacharach & Blues	Music and Me Create your own music	You've Got A Friend 70s Ballad/Pop	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?	What components could be changed within a circuit and what effect would it have?	How might the need for adaption lead to evolution?	How does life-style impact on health?	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:

Children will develop a design specification to guide the development of the ideas and product. Pupils will understand and use electrical systems in their product-series circuits incorporating switches, bulbs, buzzers and motors.

Create circuits using electronic kits that employ a number of components (such as LED's, resistors, transistors and chips). Pupils will learn about using control and Microbits in their products.

Keywords:

Alarm systems, input, output, function, sensor, electrical system, framework, casing, control, circuit, components, Micro: Bit, motion, sensor, accelerometer, dimension, program, LED, button A, button B, connection pins, pairing, battery socket, Bluetooth, wireless, design specification, electrical system, framework, dimension, program, test, debug, fault, aesthetics, development.

What you could do at home

Have discussions about how products work—things like doorbells, lights, and larger appliances.

Research Eneni Bambara-Abban a robotics engineer .

Create a fact file

Write a biography

Useful Websites



Computing

What will we be learning about this half term

Organising data into columns and rows in a spreadsheet, formatting data to support calculations.

Apply formulas to multiple cells by duplicating them.

Keywords

Spreadsheet

Data

Columns

Rows

Cells

Formatting

Formula

What you could do at home

Use Excel to experiment with organising data into a table.

Explore the different formatting techniques.

Calculate total frequencies in a table by applying simple formulas.

Useful Websites

**Oak National Academy—
spreadsheets**



**Microsoft support: basic tasks
in Excel**



Reading

What will we be learning about this half term:

Commenting on author's choice of language and considering the effects of words and phrases used

Inferring and deducing information from a text.

Applying a range of reading skills to a text.

Keywords

Author's choice of language

Effect on reader

Inference/deduction

Retrieval

Inference

Words in context

Evidence

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



The book trust



Love reading for kids (extracts)

Writing

What will we be learning about this half term

- Audience and purpose
 - Emotive language
- Formal and informal language
 - Figurative language
 - Engaging openings

Keywords

Similes

Metaphors

Personification

Dialogue

Show not tell

What you could do at home

Practise spellings, punctuation and grammar—

- Dashes
- Semi-colons
- Colons
- Adverbs

Useful Websites



Creative writing -
BBC
bitesize

History

What will we be learning about this half term:

Chronology of WW2 and key events throughout this significant event .

What Britain did to succeed in WW2.

How the commonwealth contributed to Britain's success in WW2.

Keywords

Invasion

Declaration

Empire

Commonwealth

Contributions

Evacuation

Refugee

persecution

What you could do at home:

Research who the allies and axis were during the war.

Research which countries came to Britain's aid during the war.

Useful Websites



DK find out about WW2

Mathematics

What will we be learning about this half term:

Illustrate parts of circles including radius, diameter and circumference.

Name parts of circles including radius, diameter and circumference.

Find unknown angles in any triangle.

Recognise angles where they meet at a point and find the value.

Draw simple shapes on the coordinate plane.

Keywords

Circumference

Radius

Diameter

Angles

Degrees

Shapes

Quadrilateral

What you could do at home:

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

Ensure they are completing maths homework weekly.

Useful Websites:

<https://ttrockstars.com/>

[https://](https://www.topmarks.co.uk/)

www.topmarks.co.uk/

[Search.aspx?](https://www.topmarks.co.uk/Search.aspx?Subject=16&AgeGroup=3)

[Subject=16&AgeGroup=3](https://www.topmarks.co.uk/Search.aspx?Subject=16&AgeGroup=3)



Music

What will we be learning about this half term:

Explore how music can shape cultural identity.

Listen and appraise a range of music.

The background of different female artists.

Continue to create an individual piece of music with lyrics.

Keywords

Cultural identity

Appraising

Composition

Pulse

Tempo

Dynamics

Lyrics

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

Pupils will take part in a range of fitness challenges to test, monitor and record their data.

They will learn different components of fitness including speed, stamina, strength, coordination, balance and agility.

Keywords

Stamina

Running

Communication

Confidence

Trust

Planning

What you could do at home

Test yourself how many times can you run or jog the length of your garden or room

How many balances can you do and for how long? Time yourself!

Useful Websites



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



PSHE

What will we be learning about this half term

To identify online activities that contribute to a person's digital footprint.

To identify ways in which a positive digital footprint can be left behind.

To recognise when, why and how photographs we see online may have been edited.

To explain how false photographs can make people feel bad about themselves.

To compare different kinds of online-only friendships and the benefits and risks associated with this.

To explain the risks involved in gambling related activities.

To recognise what might influence somebody to gamble and the impact it might have.

What you could do at home

Discuss ways in which a positive digital footprint can be left behind.

Discuss the benefits and risks of online friendships.

Learn how to spot edited photos and discuss how it makes a person feel.

Discuss the risk of gambling related activities.

Keywords

Digital footprint

Benefits

Risks

Photo editing

Online friendships

Gambling

Impact

Useful Websites

Digital footprint: what it includes and how to protect your privacy and settings.



Tips for keeping children safe online



Risks of online gaming.

Religious Education

What will we be learning about this half term:

Forgiveness is the restoration of relationship despite hurt caused.

Activities and discussion to explore the relative difficulty of seeking and/or giving forgiveness.

Christianity/Islam/Jainism the importance of forgiveness in each religious tradition.

Christianity – Easter story – forgiveness of thief on the cross (Luke 23)

Keywords

Forgiving

Mercy

Forgetting

Kindness

Merciful

Easter

What you could do at home:

Think about all the ways you have been forgiving; when have you shown kindness even when you did not need to?

Make a list of all the ways you practise being forgiving at home.

Useful Websites



Easter story



What is Jainism?

Science

What will we be learning about this half term:

Identify and name the main parts of the human circulatory system.

Describe the function of the heart.

How exercise affects our heart rate.

Recognise the impact of diet and exercise on our heart.

Keywords

Exercise

Diet

Lifestyle

Respiration

Heart

Circulatory

Valves

Pump

Oxygenated

Deoxygenated

Veins

Arteries

What you could do at home

Measure pulse after doing some exercise.

Discuss healthy foods—look at packaging, what do the colour codes and numbers at the back of foods mean?

Useful Websites



<https://buggyandbuddy.com/light-experiments-for-kids/>