



Year 5 Curriculum Booklet

Autumn Term 1.1

Insert image/s

	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	Online Safety 2 weeks Excel	Sphero— Pacman	We are Game Developers (Kodu)	ECC: Drawing Architectural Design	BBC: Micro-Bit Data Handling	ECC: Music Rhythm & Beat making
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	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	Recorders	Lean on Me Soul	Livin' On a Prayer Rock	Classroom Jazz 1 Bossa Nova & Swing	Make You Feel My Love Pop Ballads	The Fresh Prince of Bel-Air Old School Hip-Hop
Physical Education	Fitness Gymnastics	Outdoor Adventurous Activities Dodgeball	Yoga Tag Rugby	Handball Yoga	Athletics cricket	Athletics Tennis
Personal, Social, Health, Economic Education	What makes up a person's identity?	What decisions can people make with money?	How can we access help in an emergency?	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 Places to visit	Revision Cultural Project

Art and Design

What will we be learning about this half term

This half term, children be will exploring abstract Art with a focus on the emotions and feelings art can provoke. Using abstract artists as inspiration, children will experiment and explore colour placement, colour mixing and paint techniques to convey a message through their final abstract art piece.

Keywords

Bright
Bold
Lines
Shape
Calm
Still
Bright,
Vivid,
Primary, Secondary and Tertiary,
Blend
Tint, tone and shade

What you could do at home

Explore abstract artists over two different periods and compare/contrast.

Using colour placement, create two different abstract pieces of work which evoke two contrasting moods or feelings.

Useful Websites



Computing

What will we be learning about this half term

Staying safe online
How to present using ICT
Microsoft Powerpoint
How to create a presentation
How to use transitions and effects

Keywords

Online Safety
Security
Presentation
PowerPoint
Transitions
Effect, animation

What you could do at home

Discuss online safety at home and how to stay safe online.
Practise presenting skills to family members.
Try using PowerPoint at home through Teams.

Useful Websites

www.saferinternet.org.uk
www.thinkuknow.co.uk
www.nspcc.co.uk



Reading

What will we be learning about this half term

To retrieve key information from a text by reading around the words.

To immerse ourselves into our new class text.

To make predictions on what will happen next.

Class text: Who let the Gods out

Keywords

Retrieve, predict, visualise, scan, key information, clues, locate.

What you could do at home

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

Useful Websites

booktrust.org.uk

bbc.co.uk/newsround



Writing

What will we be learning about this half term

Narrative writing using a range of descriptive, precise language.

Commas used accurately in sentences.

Range of punctuation developed, e.g. colons, dashes and brackets.

Keywords

Narrative: myths, legends, ethereal, fantasy and ambitious vocabulary

Non-fiction: civilisation, practices, rituals and systems

What you could do at home

Ask your child to write a story of their choice. Encourage them to use paragraphs and a range of punctuation, e.g. apostrophes, commas, brackets, etc.

Practise handwriting so that it is legible and cursive.

Useful Websites

Creative writing - KS2 English
- BBC Bitesize

Non-fiction - KS2 English -
BBC Bitesize



Geography

What will we be learning about this half term

To understand the human and physical geography of Greece and compare this to the UK.

To understand how earthquakes and volcanoes are caused and the impact that they have.

Keywords

Human, physical, landmark, continent, country, city, locate, earthquake, volcano, layers of the Earth, crust, tectonic plates, magma, compare, similarities, differences, map, key, symbols, compass points.

What you could do at home

Look at pictures of Greece (or a map) and discuss what the children can see, then compare this to what they can see where they live.

Discuss any current or recent news about earthquakes or volcanoes.

Useful Websites

Earthquakes - BBC Teach. <https://www.bbc.co.uk/teach/class-clips-video/geography-ks1--ks2-earthquakes/zbr2mfr>

Explore volcanoes - BBC Bitesize. <https://www.bbc.co.uk/bitesize/topics/z849q6f/articles/zd9cxcy>



Mathematics

What will we be learning about this half term:

Number:

Place value

Addition and subtraction

Statistics:

Data handling

Keywords

Millions, hundreds of thousands, thousands, hundreds, tens, ones

Round

Compare

Order

Negative number

Roman numerals

Add/addition

Exchange

Column method

Subtract/subtraction

Estimate

Approximate

Inverse operations

Interpret charts

Comparison

Sum

Difference

Line graphs

What you could do at home:

In Year 5, your child will be reading, writing, and comparing numbers up to 1,000,000. Write some of these number and ask children to read them to you.

Encourage children to access the websites provided and ensure they play Timestable Rockstars daily.

Encourage your child to use their knowledge of number and place value to identify patterns when calculating. For example, if you know $4 + 3 = 7$, then you also know $0.4 + 0.3 = 0.7$. This is because each of the numbers in the calculation using one-digit numbers such as $5 + 4 = 9$. How many related calculations can they record using this fact?

$$15 + 4 = 19$$

$$5 + 14 = 19$$

$$50 + 40 = 90$$

$$500 + 400 = 900$$

$$0.5 + 0.4 = 0.9$$

$$0.5 + 0.4 = 0.9$$

Useful Websites

<https://whiterosemaths.com/parent-resources>

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

<https://www.topmarks.co.uk/Search.aspx?q=Year 5 maths>

<https://nrich.maths.org>

<https://corbettmaths.com/5-a-day>

<https://uk.splashlearn.com/maths-skills/year-5>

<https://myminimaths.co.uk/year-5-mini-maths>



Music

What will we be learning about this half term:

This term the children will be learning about gospel music. We will be focussing on the song 'Lean on me' by Bill Withers. Over the term, the children will learn to sing the song, they will learn a short rhythm on the glockenspiel and then they will begin to improvise by creating short rhythms when listening to the song.

Keywords:

Pulse
Rhythm
Tempo
Pitch
Dynamics
Improvisation

What you could do at home:

To help support the learning of gospel music, provide opportunities to listen to a range of songs from that genre of music. 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:

[https://
www.musicgrotto.com/best-
gospel-songs/](https://www.musicgrotto.com/best-gospel-songs/)



Physical Education

What will we be learning about this half term

- Swimming
- Basketball

Keywords

- Officiate
- Dodge
- Catch
- Throw
- Possession
- Tactics
- Dribble
- Stroke

What you could do at home

Encourage children to dribble and catch a ball.

Many parks have basketball hoops. Take children to the park so they can practise shooting.

Swimming at the local pool

Useful Websites

https://www.birmingham.gov.uk/directory/17/leisure_centres_and_facilities/category/312

<https://www.youtube.com/watch?v=IkK3MGvYyG>



PSHE

What will we be learning about this half term:

During our PSHE lessons, the children will be learning all about stereotypes and what it means to challenge them. We will be discussing how individuality and personal qualities make up someone's identity. By doing so, we will learn how to recognise and respect similarities and differences between people.

Keywords:

Identity
Characteristic
Individuality
Unique
Assumption
Stereotypes
Prejudice
Challenge

What you could do at home

To support your child's learning for this topic, encourage conversations about similarities and differences between people. Provide opportunities for your child to share their strengths, skills, and interests. Watch the video link and discuss any questions your child might have in regard to stereotypes.

Useful Websites

<https://youtu.be/G3Aweo-74kY>



Religious Education

What will we be learning about this half term

Caring for others, animals and the environment.

Learning about religious traditions and non-religious worldviews

Sharing and Being Generous

Keywords

Islam, Christianity, generous, sharing, wedding, marriage, monitory.

What you could do at home

Discuss how you share with others and charitable acts.

Ask your child to discuss their RE learning and how they are going to care for animals and the environment.

Useful Websites

reonline.org.uk

<https://www.bbc.co.uk/bitesize/subjects/z7hs34j>



Science

What will we be learning about this half term

Properties and changes of materials (Part 1)

How can different materials be separated?- evaporation, condensation, filtering.

Keywords

Hardness, solubility, transparent, opaque, translucent, magnetic, filter, evaporation, dissolving, mixing, solution

What you could do at home

Try an experiment to see which things will dissolve completely in water.

Here are some to try:

Sugar, coffee, a biscuit and flour.

Does the outcome change if you do it with warm water?

Useful Websites

What is dissolving? - BBC Bitesize. <https://www.bbc.co.uk/bitesize/topics/zjty4wx/articles/zpbdbpk>

<https://www.everyschool.co.uk/science-key-stage-2-changing-state.html>

