



# Year 2 Curriculum Booklet

Autumn Term 1.1

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
School Value	Respect	Honesty	Friendship	Commitment	Understanding	Equality
Art and Design	Animals Form and Texture	NA	Landscape Line, shape and colour	NA	Aston Through the Ages Texture	NA
Design Technology	NA	Mechanisms: Wheels and Axels	NA	Textiles: Templates and joining techniques	NA	Food: pre- paring fruit and vegeta- bles
Computing	Online Safe- ty 2 weeks Publisher	We are gam- ers (Scratch)	Sphero— Robot Wars	ECC: Photo: Everyday Ob- jects	We are Re- searchers	Stop Frame animation
English Reading	Grace O'Malley  The Queen of the Sea	Rama and Sita	The lighthouse keepers lunch  The great explorer	Chappati Moon	The True Story of the Three Little Pigs	The Selfish Giant
English Writing	Narrative  Instructions	Narrative Diary Poetry	Narrative Non- chronological report Poetry	Narrative Letter	Narrative  Non- chronologi- cal report	Narrative  Letter  Poetry
Geography	Physical and human Geography of the UK	NA	Continents and Oceans	NA	Maps and fieldwork in the local environment	NA
History	NA	Should we call Grace O'Malley a pirate?	NA	Who were the great ex- plorers and what did they do?	NA	What was life like for people who lived in As- ton Hall?

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Mathematics	Place Value Addition Subtraction	Multiplication Division Money Shape	Addition Subtraction Statistics Multiplication Division	Position and Direction Fractions Length and Height	Place Value to at least 100 Addition Subtraction Multiplication	Time Mass, Capacity and Temperature Money
Music	Recorders	Recorders	Hands, Feet, Heart Afropop, South African	I Wanna Play in a Band Rock	Friendship Song Pop	Reflect, Re-wind & Replay Classical
Physical Education	Team Building Fundamentals	Dance Fitness	Yoga Ball Skills	Gymnastics Ball Skills	Athletics Invasion	Athletics Invasion
Personal, Social, Health, Economic Education	What is the same and different about us?	What is bullying?	What jobs people do?	What helps us to stay safe?	What helps us to grow and stay healthy?	How do we recognize our feelings?
Religious Education	Living by rules Being temperate, exercising self discipline and cultivating serene contentment	Being regardful of suffering Sharing and being generous	Creating unity and harmony Participating and willing to lead	Caring for others, animals and the environment Being merciful and forgiving	Being silent and attentive to and cultivating a sense for the sacred and transcendent Being reflective and self critical	Being imaginative and explorative Appreciating beauty
Science	How are materials chosen for a given purpose?	Why do different living things choose to live in different places?	Why do different living things choose to live in different places?	What makes plants grow the most?	What do animals and humans need to survive?	How can we make light?

# Art and Design

## What will we be learning about this half term

Explore ideas from real or imagined start points

Develop ideas from a sketch book

Compare work by different artists

Say how an artist has used colour, shape and a technique

Comment on others' work and suggest ways of improving my own work

## Keywords

Similar, similarities, differences, Art, Andy Goldsworthy, and Dame Elisabeth Frink, technique, sculpture, shape, colour, mimic, nature.

## What you could do at home

Create a workspace. Select a spot in your home to make art; tables can be covered and protected to allow your child to have a workspace.

Gather materials. Have a designated space to store art supplies that is easily accessible.

Collect examples. It's important to have reproductions of works of art available to acquaint your child with artists and styles from different cultures and time periods.

Talk about artwork. When your child creates art, ask them to tell you about it and what they were trying to express, rather than asking, "What is this?"

## Useful Websites

<https://www.youtube.com/c/RobBiddulph72>

<https://www.bbc.co.uk/cbeebies/joinin/importance-of-art-and-craft-for-children>



# Computing

## What will we be learning about this half term

Use technology safely and respectfully, keeping personal information private; identify where to go for help and support when they have concerns about content or contact on the internet or other online technologies

Recognise common uses of information technology beyond school.

## Keywords

Scared, Bully, Cyberbully,  
Worry,

Report, Digital citizen, responsible,  
caring, help, support

MS Publisher, bold, underlined, text box,  
fonts, shapes, fill colour, insert, delete

## What you could do at home

Discuss with children how to be safe online

Let children know that they should not share personal information online

Encourage children to use paint and Microsoft publisher to edit text

## Useful Websites



# Reading

## What will we be learning about this half term

To use the graphemes taught to blend sounds.

To know that phonemes may be represented by different graphemes.

To read familiar words automatically and accurately without sounding or blending.

To read most words containing common suffixes.

## Keywords

Author

Predict

What happens in the story?

What have you learnt?

Did you enjoy/not enjoy the book, why?

## What you could do at home

Encourage children to read their guided reading books at home.

Hear children read can they read unfamiliar words.

Take children to the local library and allow them to choose their own books at home.

## Useful Websites

Oxford owl –recommendation for books children should be reading in Year 2

[home.oxfordowl.co.uk](http://home.oxfordowl.co.uk)



# Writing

## What will we be learning about this half term

Narrative writing with a focus on character and setting descriptions.

Using powerful adjectives and verbs in compound sentences.

Writing clear instructions.

## Keywords

Narrative: description, pirate, adventure, island, discovery, risky and treasure

Instructions: present tense verbs, because, sequence words and topic language

## What you could do at home

Practise saying and writing sentences using 'and' and 'because'.

Practise writing compound sentences with capital letters and full stops.

Practise handwriting so that it is legible and cursive.

## Useful Websites

Stories - KS1 English - BBC  
Bitesize - <https://www.bbc.co.uk/bitesize/topics/z6vv4wx/year/zjpqqp3>

Grace O' Malley | Irish female pirate | Royal Museums Greenwich ([rmg.co.uk](http://rmg.co.uk))

# Geography

## What will we be learning about this half term

To name and locate the countries and capital cities of the United Kingdom.

To understand the human and physical geography of the United Kingdom and compare this to a different place.

## Keywords

England, Scotland, Wales, Northern Ireland, London, Edinburgh, Cardiff, Belfast, North Sea, Atlantic Ocean, English Channel, human, physical, landmark, city, town, roads, houses, natural, man-made

## What you could do at home

Look at a map of the United Kingdom and identify Birmingham. If you have friends or relative elsewhere in the UK, point these places out to your child.

Look at a map of the world and do the same. You could discuss journey times to these places and how you get there.

## Useful Websites

Google Maps—<https://www.google.co.uk/maps>

Explore the UK - Year 2 KS1 Geography - BBC Bitesize <https://www.bbc.co.uk/bitesize/topics/zp8r4xs/year/z7s22sg>



# Mathematics

## What will we be learning about this half term

To know the place value of each digit in a two digit number.

To add and subtract numbers using concrete objects, pictorial representations and mental methods.

## Keywords

Place Value: Numerals, Words, Digit, Tens, Ones, Compare, Order, Solve, Forwards, Backwards, Bigger and Smaller

Addition and Subtraction: Add, Plus, Total, Take away, Minus, Quantities, Measure, Inverse, Opposite

## What you could do at home

Write numbers into words using phonetic knowledge and vice versa.

Try to recognise the place value of each digit in a 2-digit number (tens, ones)

Add and subtract numbers mentally including, two digit numbers and ones e.g.,  $21+6$ .

## Useful Websites

<https://www.sheppardsoftware.com/math/early-math/number-words-fruit-splat-game/>

<https://www.topmarks.co.uk/maths-games/7-11-years/place-value>

<https://www.topmarks.co.uk/maths-games/5-7-years/addition-and-subtraction>



# Music

## What will we be learning about this half term

We will be learning to listen to and discuss different genres of music.

Children will get opportunities to think about the instruments that are being played and the pace of the music, whether it was fast or slow.

Throughout this term, students will also learn to play a song using a woodwind musical instruments, specifically recorders.

## Keywords

### Instruments

Guitar

Piano

Drums

Loud

Quiet

Pulse

Recorder

## What you could do at home

**\*When children are listening to different music at home ask them questions about what instruments are being played.**

**\* Discuss the pace of the music was it loud, quite, fast/**

## Useful Websites

Youtube

Musical instrument sounds for kids



# Physical Education

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

Children will learn how to develop their communication and problem-solving skills in team building. They will work individually, in pairs and in small groups. Throughout, this unit there will be an emphasis on teamwork. They will learn to discuss, plan and reflect on ideas and strategies. They will lead a partner whilst considering safety whilst showing honesty and fair play.

## Keywords

Jumping  
Balancing  
Travelling  
Communicating  
Listening  
Leading  
Fair  
Honesty  
Trust

## What you could do at home

- Human knot game
- Jump rope game
- Traffic lights game
- Hula Hoop Game
- The counting game
  - Magic Carpet
  - Buddy Walkers

## Useful Websites

- [Marathonkids.org/5-fun-team-building-games-for-kids/](http://Marathonkids.org/5-fun-team-building-games-for-kids/)
- Youtube—Easy Kids Choreography
  - <https://blog.gophersport.com/>



# PSHE

## What will we be learning about this half term

How our personal features or qualities are unique to us.

What we like/dislike and are good at.

How we are similar or different to others, and what we have in common.

About how to treat ourselves and others with respect.

To recognise the ways in which we are the same and different to others.

## Keywords

Ourselves and others

Similarities and differences

Individuality

Our bodies

## What you could do at home

Discuss with students about our personal features and what makes us unique and other people different

Discuss the similarities and differences between people, touching up on what we all have in common

Discuss how we can treat others with respect but also ourselves .

## Useful Websites

KS1 PSHE - England - BBC

Bitesize—<https://www.bbc.co.uk/bitesize/subjects/zmpfb9q>

[https://www.youtube.com/watch?v=Jt1VFkQQXiw&ab\\_channel=BB](https://www.youtube.com/watch?v=Jt1VFkQQXiw&ab_channel=BB)

CNorthernIreland



# Religious Education

## What will we be learning about this half term

To understand that we need rules in all parts of our society which keep people safe and make everybody work well together.

## Keywords

Rules  
Important  
Control  
Order  
Disorder  
follow

## What you could do at home

- Establish some rules the children have to follow.
- Encourage the children to come up with their own rules .
- Discuss with children why rules are important in society
- What would happen in a society/ school where there were no rules?

## Useful Websites

<https://bbc.in/3DyAiNo>

[20treated%20fairly.](https://bbc.in/3DyAiNo)

<https://bbc.in/3QVjYtl>

[https://www.youtube.com/  
watch?](https://www.youtube.com/watch?v=Dk34uBc6U00&ab_chann)

[v=Dk34uBc6U00&ab\\_chann](https://www.youtube.com/watch?v=Dk34uBc6U00&ab_chann)



# Science

## What will we be learning about this half term

### Everyday Materials

How are materials chosen for a given purpose ?

What are the properties of materials?

Why are some materials more suitable than other materials for objects?

Identifying how some materials are used for more than one purpose and how some are used for the same thing

## Keywords

Hard, soft, stretchy, shiny, dull, rough, smooth, bendy, waterproof, absorbent, opaque, transparent, brick, paper, fabrics, squashing, bending, twisting, stretching, elastic, foil.

## What you could do at home

Discuss what items are made out of and why that material is chosen for that given purpose.

Eg You would need a waterproof material to make an umbrella because if it was made from paper the paper would let the water through

## Useful Websites

<https://www.bbc.co.uk/teach/class-clips-video/curious-cat-ks1-ks2/zhptgwx>

<https://wowscience.co.uk/resource/material-properties/>

