



Year 2 Curriculum Booklet

Autumn 1.2

Year 2



	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	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 Division	Time Mass, Capacity and Temperature Money
Music	Friendship Song Pop	I Wanna Play in a Band Rock Recorders	Hands, Feet, Heart Afropop, South African	Reflect, Re-wind & Replay Classical	Recorders	Recorders
Physical Education	Team Building	Fitness	Yoga	Gymnastics	Invasion	Athletics
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?

Design Technology

What will we be learning about this half term

This half term we are learning about mechanisms. We are learning to identify how different mechanisms produce different types of movement- wheels, axles, sliders, turning mechanisms, hinges and levers.

We are learning to explore and use winding mechanisms.

We are learning to incorporate wheels and axles into their products.

We are learning to describe the properties of the materials that I have used.

Keywords

Vehicle, wheel, axle, axle holder, chassis, body, cab, assembling, cutting, joining, finishing, fixed, free, moving, mechanism

What you could do at home

Observe and explore how different mechanisms produce different types of movement Here are some examples you could look at:

wheels, axles, sliders, turning mechanisms, hinges and levers.

Can you create your own mechanism?

What purpose does your mechanism have? How does it work?

Useful Websites

On an internet browser search for:

The School Run: 5 at-home design and technology projects for primary children.

Stem Learning: Primary D&T

Youtube: KS1 DT projects



Computing

What will we be learning about this half term

This half term, the children will be learning to understand that programs follow precise and unambiguous instructions. They will be learning to create and debug simple programs. They will learn to use technology safely and respectfully, keeping personal information private. The children should also be able to recognise common uses of information technology beyond school.

Keywords

Programme, coding, debugging, instructions, online safety, technology

What you could do at home

(Use online videos for support with the following ideas)

Taking a digital photo, uploading and manipulating it.

Create a self-portrait using an app or web-based photo embellisher like Typic Kids, then printing and displaying it.

Using the keyboard to create words and simple sentences.

Talking to your child about how computers help them to learn.

Useful Websites

On an internet browser, search for:

BBC Bitesize: KS1 Computing

Youtube: Coding for kids

Youtube: Debugging for kids



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

Writing

What will we be learning about this half term

We will be using a range of descriptive vocabulary to:

- Write a narrative that is based on another culture.
- Write a letter based on our class text Rama and Sita.
- Write a poem.

Keywords

Narrative, letter, poem, inform, entertain, adjectives, pronouns, nouns, conjunctions, punctuation, full-stops, capital letters, exclamation marks

What you could do at home

Generate interesting adjectives with children by playing 'guess who'. You could use members of your family, celebrities or use clipart images of people. You must each describe a person and the other player will try to guess who it is based on the adjectives used. E.g.

"She has curly, long hair"

Read regularly with your child at home so they are exposed to a variety of story types and vocabulary.

Encourage writing as much as possible. If you go to the park on the weekend, could children write a diary entry about their experience? Can they write a story about their favourite toy?

Useful Websites

Search on an internet browser:

BBC Bitesize: KS1 Literacy

Top marks: Literacy Games

Youtube: KS1 Literacy

History

What will we be learning about this half term

Explore historical interpretation through key question – Should we call Grace O’Malley a pirate? We will be learning to explain how the image of a pirate has evolved throughout history and draw simple conclusions about Grace O’Malley’s life.

Keywords

Stereotypes, Source, Seafarer, Society, Gender, Interpretation, representations, Evolve/evolved/evolution, Popular, culture

What you could do at home

Watch videos about Grace O’Malley and then create your own quiz.

Support your child with planning a presentation on what they’ve learnt about Grace O’Malley. Can they then present it to a family member?

Useful Websites

Youtube: Grace O’Malley
Britannica Kids Homework Help: Grace O’Malley

Mathematics

What will we be learning about this half term

To recall multiple facts for the 2,5,10 timetables

To recall division facts for the 2,5,10 times tables

Calculate mathematical statements for multiplication and division within the multiplication tables

Keywords

Times, multiply, product, lots of, multiplied by, times tables, groups of.

Division, share, group, divide, divide into, divided by, share equally

What you could do at home

Practice recalling multiplication facts for the 2,5,10 times tables

Practice recalling division facts for the 2,5,10 times tables

Useful Websites

Type into an internet browser:

TT Rockstars

Topmarks: Maths Games



Music

What will we be learning about this half term

This half term we will be learning the song 'I wanna play in a band'.

We will be using our voices to sing along, playing musical instruments such as recorders, glocks and keyboards

Keywords

Pulse, rhythm, pitch, tempo, beat, hook, melody, texture, Structure, chorus, ending.

What you could do at home

Practice singing the song along with students at home (lyric sheet will be sent out)

Practice listening to different music and appraise the song, taking into consideration of the pulse, rhythm, pitch and tempo.

Useful Websites

Type into an internet browser:

Virtual instruments

Youtube: KS1 music or music for kids

BBC Bitesize: KS1 Music



Physical Education

What will we be learning about this half term

This half term pupils will take part in a range of fitness activities to develop components of fitness. Pupils will begin to explore and develop agility, balance, co-ordination, speed and stamina. Pupils will be given the opportunity to work independently and with others. Pupils will develop perseverance and show determination to work for longer periods of time.

Keywords

Physical: Agility, Balance, Co-ordination, Speed, Stamina, Skipping.

Social: Taking turns, Encouraging and supporting others.

Emotional: Determination, Perseverance, Challenging myself.

Thinking: Identifying strengths and areas for improvement, Observing and providing feedback.

What you could do at home

Encourage children to take part in a range of fitness activities to develop their components of fitness.

Encourage children to explore and develop agility, balance, co-ordination, speed, and stamina by taking part in outdoor activities such as football, rugby, badminton, tennis.

Useful Websites

Type into an internet browser:

Youtube: Joe Wicks, Cosmic kids

BBC Bitesize: KS1 PE



PSHE

What will we be learning about this half term

How words and actions can affect how people feel

How to ask for and give or not give permission regarding physical contact and how to respond if physical contact makes us uncomfortable or unsafe

Why name-calling, hurtful teasing, bullying and deliberately excluding others is unacceptable

How to respond if this happens in different situations

How to report bullying or other hurtful behaviour to a trusted adult and the importance of doing so

Keywords

Feelings

Emotions

Affect

Behaviour/actions

Bully/bullying/bullied

Teasing/Teased

Trusted adult

Unkind/kindness

Choice/consequences

What you could do at home

Talk to your child about the choices they make at home and if they are right or wrong.

Talk about the consequences of our actions and the affects they have on others.

Discuss the importance of talking to someone either at home or school, when they feel upset, angry, hurt etc

Useful Websites

KS1 PSHE - England - BBC Bitesize—<https://www.bbc.co.uk/bitesize/>

Making choices—https://www.youtube.com/watch?v=6cxt_Ki4GSo



Religious Education

What will we be learning about this half term

Being regardful of suffering
Understanding what suffering is
Learning about what religious beliefs state about suffering and how it was dealt with

Keywords

Suffering
Compassion
Understanding
Conflict

What you could do at home

Show images of people who may be suffering and needing help (eg homeless person on street, old person carrying bags, a young child needing help after they have fallen down and hurt themselves) and ask children how they would respond to this and how could they go about helping others.

Useful Websites

BBC bitesize
RE Year 2 suffering

<https://www.bbc.co.uk/bitesize/guides/zhmhgk7/revision/1>



Science

What will we be learning about this half term

This half term we are learning about living things and their habitats. We are learning to understand why different living things choose to live in different places?

We are learning to explore and compare the differences between things that are living, dead, and things that have never been alive

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Keywords

Difference, Compare, Explore, Living , Non-living , Characteristics, Habitats

Suited, Pond, Conditions, Survival , Micro-habitats , Plants, Animals , Food, Plants, Food chain, Omnivore, Herbivore, Carnivore

What you could do at home

Discuss with children why different living things choose to live in different places

Discuss with children the differences between things that are living, dead, and things that have never been alive

Take children to Aston Park and explore and compare the differences between things that are living, dead, and things that have never been alive

Useful Websites

Type into an internet browser:

BBC Bitesize: KS1 Science

Youtube: living things and their habitats

