



Year 2 Curriculum Booklet

Spring 2.1

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	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	Gymnastics	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?

What will we be learning about this half term

Children will be exploring by what we mean by landscape and landscape art. They will be exploring the concept of perspective and the importance of it within landscape drawings and landscape art.

Children will be exploring, comparing and contrasting a range of different landscape scenes focusing on colour, perspective, medium, tints, shades and chronology

Keywords

Landscape, perspective, drawings, explore, compare, contrast, scenes, colour, tints, shades, chronology, medium, lighter, darker

What you could do at home

Explore shades and tints using water colours

Compare and contrast a range of different landscape scenes focusing on colour

Take pictures of landscape scenery

Useful Websites

<https://www.bbc.co.uk/teach/class-clips-video/art-and-design-ks1-ks2-creating-a-collage-landscape/zfrfbdm>

<https://www.bbc.co.uk/teach/class-clips-video/art-and-design-painting-techniques/z7h76v4>

Computing

What will we be learning about this half term

This half term we will be learning about programming algorithms, specifically robot algorithms

Children should be able to understand what algorithms are; how they are implemented as programs on digital devices; and that programs execute by following precise and unambiguous instructions.

Children should be able to debug simple program and use logical reasoning to predict the behaviour of simple programs

Keywords

Algorithms, programming, robots, instructions, programs, debug, reasoning.

What you could do at home

Discuss with children about what algorithms are and how they are implemented as programs on digital devices.

Use the link under the heading 'Useful Websites' to practice programming algorithms

Useful Websites

<https://www.bbc.co.uk/bitesize/topics/z3tbwmn/articles/z3whpv4>

<https://www.bbc.co.uk/bitesize/topics/z3tbwmn/articles/zykx6sg>



Reading

What will we be learning about this half term

We will be learning to read accurately by blending, including alternative sounds for graphemes

We will focus on reading most words quickly & accurately without overt sounding and blending

We will be learning to answer literal retrieval questions.

We will also be learning to make inferences on the basis of what is being said and done.

Keywords

Fluency, decoding, segmenting, blending, retrieval, inference

What you could do at home

Read with your child everyday.

Read to your child regularly.

Encourage reading choice. Let them choose the books that they would like to read.

Play games that involve making connections between pictures, objects and words, such as reading about an object and finding similar things in your home. You could organise treasure hunts related to what you're reading. Try creating your child's very own book by using photos from your day and adding captions.

Useful Websites

Type the following into a search engine:

OXFORD OWL: Free online books. Your child should have their login details. Speak to your child's teacher if you need their login.

STORYLINE ONLINE: Storyline Online is a collection of videos of stories read out loud by popular actors.

TEACH YOUR MONSTER TO READ: A literacy game from the Usborne Foundation covering reading skills from letter identification and sounds to reading full sentences.

Writing

What will we be learning about this half term

We will be writing an adventure narrative based on our class text *The Lighthouse Keeper's Lunch*. In this piece of writing, we will be focusing on using conjunctions, descriptive vocabulary and using a range of sentence openers.

We will be also be writing a non-chronological report. In this piece of writing, we will be focusing on using topic language and a range of conjunctions.

Keywords

Narrative, non-chronological report, 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

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 'Friendship song'
We will be using our voices to sing along, playing musical instruments such as recorders, glockenspiels 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 be learning to explore and develop basic gymnastic actions on the floor and using apparatus. They develop gymnastic skills of jumping, rolling, balancing and travelling individually and in combination to create short sequences and movement phrases. They will also be focusing on developing their fundamental ball skills such as throwing and catching, rolling, hitting a target, dribbling with both hands and feet and kicking a ball. Pupils will have the opportunity to work independently, in pairs and small groups.

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



Geography

What will we be learning about this half term

This half term we are learning about continents and oceans. We are learning to understand the difference between a continent and a country.

We are learning to understand the difference between a sea and an ocean.

We are learning to identify the 7 continents of the world and 5 oceans of the world.

We are learning to identify the North/South pole and the equator

Keywords

Continent, channel, sea, ocean, country, equator, landmarks, flag, language, human features, physical features

What you could do at home

Discuss about the difference between the 7 continents of the world and the 5 oceans of the world

Discuss the difference between a sea and an ocean.

Work with children to identify the north/south pole and equator on a map

Useful Websites

<https://www.bbc.co.uk/teach/class-clips-video/geography-ks1--ks2-the-world/zkk6t39>

<https://www.youtube.com/watch?v=VGxssWI99U8>



PSHE

What will we be learning about this half term

We will be learning about what jobs people do and how people earn money through their jobs. We will be exploring the range of jobs available to people and also how people have different strengths and interests. We will also be looking at using the internet and digital devices in everyday lives

Keywords

Jobs
Money
Earn
Strengths
Interests
Lives
Purchasing

What you could do at home

Talk to your child about how we can earn money and what different jobs people do to earn money

Discuss the range of jobs available to people and how they can choose a job ties in with their strengths and interests

Useful Websites

<https://www.funkidslive.com/learn/coin-op-money/what-is-money-and-how-does-it-work/>

<https://www.youtube.com/watch?v=c-Zk2mKazlk>

Religious Education

What will we be learning about this half term

This half term we will be learning about creating unity and harmony. We will be looking at God as a unifying creator and the commonalities of human beings. We will also be learning the importance of individual participation.

Keywords

Unity, harmony, commonalities, God, religion, creator, Samaritan, Hajj

What you could do at home

Discuss with children what unity and harmony means.

Discuss how we can show unity and harmony

Read the story of 'The Good Samaritan'

Useful Websites

<https://www.bbc.co.uk/bitesize/guides/zwxm97h/revision/6#:~:text=When%20the%20Samaritan%20saw%20the,as%20the%20Samaritan%20had%20done.>

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

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

