



# Year 4 Curriculum Booklet

## Spring term 2.1



	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
School Values	Respect	Honesty	Friendship	Commitment	Understanding	Equality
Art and Design	Anglo-Saxon Art Sculpture	NA	Cultural patterns Print Making	NA	Observations Drawings Self-Portraits	NA
Design Technology	NA	Mechanical systems: Pneumatics	NA	Electronics: electrical systems, simple circuits and switches	NA	Food: Healthy and varied diet
Computing	The Internet	Audio Production	Repetition in Shapes	Data Logging	Photo Editing	Repetition in Games
English Reading	Anglo Saxon Boy	Freedom for Bron	How to train your Dragon	Viking Boy	Charlie and the Chocolate Factory	Street Child
English Writing	Narrative Non-chronological report	Narrative Newspaper report Poetry	Narrative Diary Poetry	Narrative Biography	Narrative Letter	Narrative Non-chronological report Poetry
Geography	Counties and Coasts	NA	Mountains	NA	Renewable and Non renewable energy sources	NA
History	NA	How did Britain change with the settlement of the Anglo-Saxons?	NA	Were the Vikings always victorious and vicious?	NA	What impact did the industrial revolution have in Birmingham?

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Mathematics	Place value Addition and subtraction	Length and Perimeter Multiplication and Division	Multiplication and Division Area	Fractions Decimals	Decimals Money Time	Statistics Properties of shape Position and direction
Music	Let your spirit Fly (RnB)	Mamma Mia (Pop)	Stop! (Grime)	Lean on me (soul/Gospel)	Recorder course (instrumental technique)	Recorder course (instrumental technique)
Physical Education	Fitness	Ball Skills Gymnastics	Dodgeball Handball	Outdoor Adventurous Activities Yoga	Athletics Handball	Athletics Tennis
Personal, Social, Health, Economic Education	What strengths, skills and interests do we have?	How do we treat each other with respect?	How can we manage our feelings?	How will we grow and change?	How can our choices make a difference to others and the environment?	How can we manage risk in different places?
Religious Education	Expressing joy Being thankful	Being reflective and self critical Being curious and valuing knowledge	Being modest and listening to others Cultivating inclusion, identity and belonging	Being merciful and forgiving Being regardful of suffering	Living by rules Being temperate and exercising self discipline and serene contentment	Being imaginative and explorative Appreciating beauty
Science	How can materials be separated?	How do humans digest their food?	How can series circuits be useful to us?	How can living things be classified?	What makes sounds change?	What makes sounds change?
Mandarin	Numbers 1-100 Introduce family members Chinese characters Pinyin and four tones	Months and dates Key words for Mid-Autumn festival Christmas celebration in China Christmas song	Chinese new year traditions and customs Key words and sentences for new year Pets and animals	Parts of the body Measure words Chinese food and western food Chinese food culture Food and drink items	Countries Nationalities Language Colours	Revision Cultural Project

# Art and Design

**What will we be learning  
about this half term**

**To explore printing from other  
cultures and time periods.**

**To experiment with different  
materials when creating  
printing blocks.**

**To research and design a  
print.**

**Keywords**

**Identical**

**Block print**

**Layer**

**Position,**

**Placement**

**Control**

**Engrave**

**Repeating pattern**

**Collaborate**

**What you could do at home**

**Discuss the art from different  
cultures**

**Make a printing block at  
home using Styrofoam**

**Useful Websites**



# Computing

## What will we be learning about this half term

Repetition in shapes

Children will create programs by planning, modifying, and testing commands to create shapes and patterns. They will use Logo, a text-based programming language.

## Keywords

Repetition

Programming

Algorithms

Loops

Commands

Code

## What you could do at home

Ask your child to show you what they have learnt in their computing lessons.

Using a device at home create your own program

## Useful Websites



# Reading

## What will we be learning about this half term

How to train your dragon by  
Cressida Cowell

Prediction

Retrieve and record

Give and explain the meaning  
of words in context

## Keywords

Predict

Retrieve

Record

Locate

Compare

impact

## What you could do at home

Read the class text on the  
weekend

Create your own questions for  
the story.

Identify new or unfamiliar  
words—find out their  
meaning.

## Useful Websites



# Writing

## What will we be learning about this half term

Retelling different parts of a story

Setting description

Free verse poem

Non-chronological report

Keywords

Similes

Personification

Setting

Speech

Adverb

## What you could do at home

Ask your child what they have been writing about in school.

Write a short story/poem together.

Research their non-chronological report

## Useful Websites



# Geography

**What will we be learning  
about this half term**

**To locate significant world  
countries and cities**

**Understand human and physi-  
cal geography of mountains.**

**Identify the position of the  
Northern Hemisphere and  
Southern Hemisphere**

## Keywords

Northern Hemisphere

Southern Hemisphere

Tropic of Cancer

Tropic of Capricorn

Arctic Circle

Antarctic Circle

## What you could do at home

Discuss what your child has  
learnt in their geography les-  
sons.

Explore mountains around  
the UK.

Explore maps to see where  
mountains are located around  
the world.

## Useful Websites





# Mathematics

## What will we be learning about this half term

- Find the area of rectilinear shapes by counting squares.
- Recognise and show, using diagrams, families of common equivalent fractions.
- Count up and down in hundreds

## Keywords

Fractions

Equivalent

Common

Hundredth

Rectilinear

Area

## What you could do at home

Complete homework which will be set every Friday and must be returned by Wednesday.

Practise times tables using games such as TT Rockstars.

## Useful Websites



# Music

**What will we be learning  
about this half term**

**To listen and appraise the  
song 'Stop!'**

**To identify the tempo of a  
song**

**To perform an instrumental  
part of the Stop!**

## Keywords

Listen

Appraise

Grime

Perform

tempo

## What you could do at home

Practise singing at home with  
family.

Discuss what some of the key  
words mean.

## Useful Websites



# Physical Education

What will we be learning  
about this half term

Use running, jumping, throwing and catching in isolation and in combination.

Play competitive games for example badminton, cricket, football.

Apply principles of attacking and defending.

## Keywords

Running

Jumping

Catching

Isolation

Combination

Competitive

Attacking

Defending

What you could do at home

- Encourage your child to do different activities that support fitness such as walking, a jog around the park or even just playing on equipment at the park. Many parks also have free tennis courts.

## Useful Websites



# PSHE

## What will we be learning about this half term

We are going to be learning about the importance of expressing feelings and how they can be expressed in different ways

Children will be learning about ways they can manage their feelings.

## Keywords

Feeling

Emotion,

Mind

Expressing

Range of vocab to describe feelings

## What you could do at home

Discussions at home:

Responding proportionately to, and manage, feelings in different circumstances

Accessing advice / support from people based on their feelings.

Expressing their feelings and listening to family/friends out of school.

## Useful Websites



# Religious Education

## What will we be learning about this half term

This half term, the children will learn about being modest and listening to others. They will understand how different religions show that they belong.

## Keywords

Joy  
Expression  
Blessings  
Individuals  
Community

## What you could do at home

Ask your child to discuss their RE learning and how they listen to others and how do differing communities and religions show that they belong?

## Useful Websites



# Science

What will we be learning  
about this half term

Identify common appliances  
that run on electricity.

Recognise that a switch opens  
and closes a circuit and associ-  
ate this with whether or not a  
lamp lights in a simple series  
circuit.

## Keywords

cells, wires, bulbs, switches,  
buzzers, circuit, series, conduc-  
tors, insulators, brightness

What you could do at home

Try and create a simple cir-  
cuit

Discuss what items use elec-  
tricity

## Useful Websites

