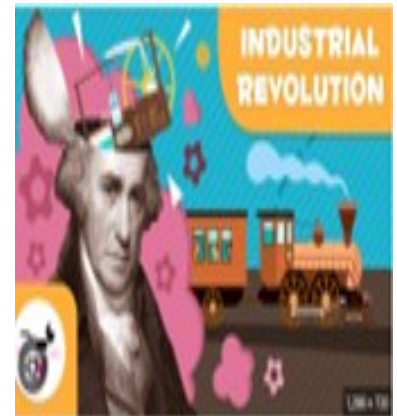
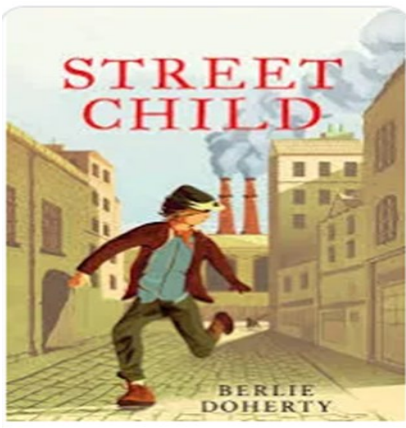




# Year 4 Curriculum Booklet

Summer Term 3.2



	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	Online safety 2 weeks PowerPoint	We are meteorologists (PowerPoint)	ECC: Drawing— Landscapes	BBC Microbit-Coding Volcanos	Data Logging	ECC: Learn to Code 2
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	Newave Music Provider	Newave Music Provider	Newave Music Provider	Newave Music Provider	Newave Music Provider	Newave Music Provider
Physical Education	Fitness	Ball Skills Gymnastics	Handball	Dodgeball	Cricket	Athletics
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
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

# Computing

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

This unit explores the concept of repetition in programming using the Scratch environment. We will look at the difference between count-controlled and infinite loops, and use their knowledge to modify existing animations and games using repetition.

## Keywords

Repetition  
Programming  
Count-controlled  
Animations

## What you could do at home:

Have you watched a video clip which uses a loop?  
Have you played any games which use repetition?

## Useful Websites



# Design Technology

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

This half term, children will be exploring what makes a healthy and varied diet. They will be investigating where food comes from and how this also impacts on the environment. Year 4 will be designing their own healthy meal and evaluating their meal after it has been made.

## Keywords:

Combination

Hot

Spicy

Sweet

Sour

Fresh

Seasonal

## What you could do at home:

Go shopping with your child.

Look at the different countries that the food has come from.

Compare different foods depending on how healthy they are.

Plan and make a healthy meal with your child.

## Useful Websites



# Reading

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

Text : Street Child

Explaining why a writer has chosen specific words and language to create atmosphere, mood or feelings.

Explaining why a writer has used different sentence types or a particular word order and the effect it has created.

## Keywords

Author

Word choice

Atmosphere

Mood

Feeling

Sentence type

## What you could do at home:

Read with your child for ten minutes every day.

Complete their reading journal.

Ask your child to summarise what has happened in the class text so far.

Discuss the meaning of new words.

Ask your child to make predictions

## Useful Websites



# Writing

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

Writing this term children will be exploring non chronological reports focusing on organising our ideas into paragraphs and using topic sentences to link ideas within the text.

## Keywords;

Sentence types  
Technical vocabulary  
Paragraphs  
Topic sentence  
Facts

## What you could do at home;

Practise spellings weekly.

Use EdShed spelling account.

Ask children to use their new vocabulary in sentences at home.

Practise handwriting so that it is legible and cursive.

## Useful Websites:



# History

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

We will be exploring the Industrial Revolution and how it changed and affected Birmingham.

We find out facts about key figures involved and the legacy of the revolution.

## Keywords:

Industrial

Revolution

Energy

Renewable

Non renewable

## What you could do at home:

Discuss energy sources at home.

Look at the current topic in the news regarding energy.

Learn about how to reduce energy consumption in the home.

## Useful Websites:





# Mathematics

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

Identify acute and obtuse angles and compare and order angles.

Identify lines of symmetry in 2-D shapes presented in different orientations.

Describe movements between positions as translations of a given unit to the left/ right and up/down.

## Keywords:

Acute

Obtuse

Angles

Symmetry

Orientation

Translation

## What you could do at home:

Regularly ask children:

To identify lines of symmetry on household items?

How many items have a right angle in this room?

Which item has an acute/obtuse angle?

Practise times tables using games such as TT Rockstars.

## Useful Websites



# Music

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

Children will be continuing to develop their keyboard skills.

## Keywords:

Keyboard, rhythm  
keys, notes  
technique

## What you could do at home:

Download my musical instruments app—children can practise playing the keyboard.

They can also use the sheet music linked to practise on their keyboard.

## Useful Websites:



# Physical Education

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

Pupils will develop basic running, jumping and throwing techniques. They are set challenges for distance and time that involve using different styles and combinations of running, jumping and throwing.

## Keywords:

Running

Speed

Agility

Over arm

Underarm

High jump

## What you could do at home:

Practice different running techniques

Practice different jumping techniques

Practice different throwing techniques

## Useful Websites



# PSHE

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

In PSHE, we will be learning about how we can manage risk in different places.

We will be looking at how to keep safe in the local environment and less familiar locations, as well as how to stay safe online.

## Keywords:

Risk  
Online safety  
Environment  
Predict  
Assess  
Manage

## What you could do at home:

Go for a walk around your local area-what risks can your child spot?

Discuss how to stay safe online with your child.

Watch the news with your child-what laws can they identify that keeps people safe e.g. to prevent anti-social behaviour.

## Useful Websites:



# Religious Education

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

This half term, the children will learn about

Being imaginative and explorative within the context of different religions. They will understand why it is important to be imaginative and how religions promote curiosity.

## Keywords:

Imagination

Exploration

Curiosity

Design

Innovative

## What you could do at home:

Ask your child to list different ways they can show their imagination

Try an art project using recycled materials

Explore your neighbourhood-  
What can you see/find?

## Useful Websites:



# Science

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

In Science, we will continue our learning about how sounds are made and how sound travels through a medium to the ear., with a focus on how sounds change.

## Keywords:

Vibration

Object

Sound source

Medium

Volume

Pitch

## What you could do at home:

Walk around your house and neighbourhood.

Think about:

What sounds can you hear?

Which sounds are loud/quiet?

How are you able to hear the sounds?

## Useful Websites:

