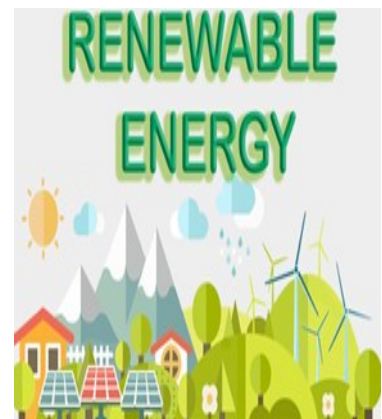
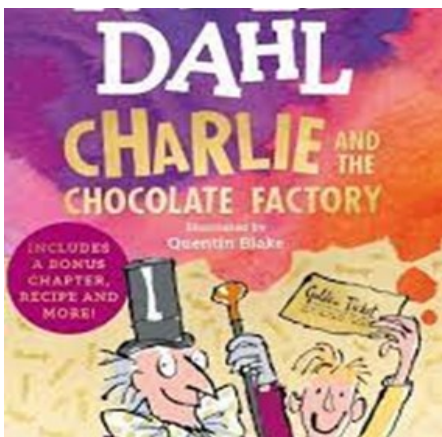




# Year 4 Curriculum Booklet

## Summer Term 3.1



	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	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 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:

This half term, children will learn about the topic 'All About Me.' In this topic they will be concentrating on line, shape and form in order to explore a range of realism art and artists. They will be using their observational skills to create a self-portrait.

## Keywords

Line  
Shape  
Form  
Observe  
Realism  
Self-portrait

## What you could do at home:

At home you can look into a mirror and sketch what you see. This about the features in your face and how to highlight them using shadows.

You can go to a museum and look at different portraits e.g. in the BMAG

## Useful Websites:



# Computing

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

Learners will consider how and why data is collected over time. Learners will consider the senses that humans use to experience the environment and how computers can use special input devices called sensors to monitor the environment.

## Keywords

Data

Digital

Devices

Sensors

## What you could do at home:

Collect data from objects around the house, what is the temperature of the kettle? How long does the kettle take to boil?

Do you have lights in garden? How bright do they shine through the evening? Does the brightness change?

## Useful Websites



# Reading

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

Text : Charlie and the Chocolate Factory

- 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:

We are focusing on Fantasy Narrative this term linked to Charlie and the Chocolate factory.

We will be looking at various sentence types, the effect of vocabulary choices and generating descriptive sentences.

## Keywords;

Sentence types

Speech

Adverbs

Fantasy

cohesion

## 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:



# Geography

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

We will be focusing on renewable and non renewable energy sources in Geography this half term.

## Keywords:

Energy

Renewable

Non renewable

Sustainable

Environment

## 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:

Round decimals to the nearest whole number

Solve simple measure and money problems involving fractions and decimals

Read , write and convert time between analogue and digital 12 and 24 hour clocks.

## Keywords:

Fraction

Decimal

Pounds

Pence

Hour

Minute

## What you could do at home:

Regularly ask children:

'What time is it?' 'How long will it be until x time?'

Take children shopping and ask:

'How much will it cost if...?'

'How much change will I receive if...?'

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:

Develop overarm throwing and catching

Develop underarm and underarm bowling

Learn how to grip the bat and develop batting techniques

To field a ball using two handed pick up and barrier

## Keywords:

Bat

Ball

Field

Space

Striking

## What you could do at home:

Practice catching items.

Practice playing cricket in an open space.

## Useful Websites



# PSHE

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

In PSHE, we will be learning about how our choices make a difference to others and the environment. We will be focussing on how we have a shared responsibility to protect the world and environment.

## Keywords:

Environment

Fairtrade

Compassionate

Personal responsibility

Protect

Choices

## What you could do at home:

Go to the shops and identify any fairtrade items you can see.

Research how you are able to take care of the environment.

Identify actions you can take in your neighbourhood to create a better environment.

## Useful Websites:



# Religious Education

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

This half term, the children will learn about

Living by rules and the importance they hold to remain happy and safe

Being temperate and exercising self discipline and serene contentment

## Keywords:

Accountability

Guidance

Rules

Control

Discipline

Calm

## What you could do at home:

Ask your child to discuss their RE learning and identify the rules they follow at home.

Discuss why these rules are important for their well-being and safety.

## Useful Websites:



# Science

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

In Science, we will be learning about how sounds are made and how sound travels through a medium to the ear. We will also be finding patterns between the volumes of sounds and the strength of the vibrations that produce it.

## 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:

