



# Year 4 Curriculum Booklet

Autumn Term 1.1

	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	Sphero— Long Jump	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
Geography	Counties and Coasts	NA	Mountains	NA	Renewable and Non renewable energy sources	NA
History	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?	NA

	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	Outdoor Adventurous Activities Dance	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

This half term, children will be exploring Anglo Saxon Stone sculpture. Throughout this unit of work they will be experimenting with carving techniques to create intricate patterns into their stone work. They will also be exploring different finishing techniques.

## Keywords

Colour

Intricate

Pattern

Shape

Depth

Carve

Polish

Glaze

## What you could do at home

Compare Anglo-Saxon art work

Create a sculpture with intricate detail on a bar of soap or a candle

Compare different finishing techniques with a focus on which is more effective.

## Useful Websites



# Computing

## What will we be learning about this half term

Children will be learning how to use Microsoft PowerPoint

They will learn to create a presentation using different tools, including using a title, background, copy and paste images and text from the internet onto a slide. They will also add animations and learn how to save their work.

## Keywords

PowerPoint, presentation, tools, title, border, background, animate, animation, error, copy, paste, errors, insert, media.

## What you could do at home

Children can practise using the internet at home, learning how to copy and paste images and text.

Use PowerPoint at home to practise skills learnt in the week, such as writing a title, inserting images and text and using animations.

## Useful Websites

<https://www.youtube.com/watch?v=cfhnW3bd064>



# Reading

## What will we be learning about this half term

This half term, the children will be focusing on finding the meaning of new words and discussing new and unusual vocabulary. They will then discuss why words have been chosen and the effect they have.

## Keywords

Meaning

Unusual

Effect

Vocabulary

## What you could do at home

Read with your child for ten minutes every day.

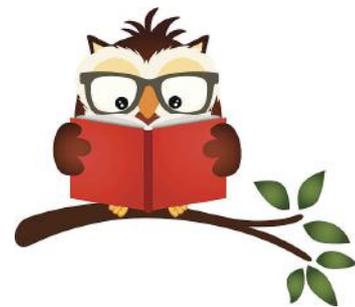
Ask your child to summarise what has happened in the class text so far.

Discuss the meaning of new words.

## Useful Websites

[booktrust.org.uk](http://booktrust.org.uk)

[bbc.co.uk/newsround](http://bbc.co.uk/newsround)



# Writing

## What will we be learning about this half term

Using a range of adverbial openers in narrative writing.

Including appropriate adjectives, verbs and adverbs for description.

Using paragraphs used to organise texts.

Writing topic sentences and using linking words/phrases.

## Keywords

Narrative: subordinating conjunctions, ruthless, feud, conflict and warfare

Topic sentences, technical/specific language, organisational features

## What you could do at home

Practise writing complex sentences with a range of conjunctions.

Practise using commas accurately after the subordinating opener or fronted adverbial.

Practise handwriting so that it is legible and cursive.

## Useful Websites

Creative writing - KS2 English - BBC Bitesize—<https://www.bbc.co.uk/bitesize/topics/zpccwmn>

Non-fiction - KS2 English - BBC Bitesize—<https://www.bbc.co.uk/bitesize/topics/z2yycdm>



# Geography

## What will we be learning about this half term

To identify and understand coasts and coastal features.

To understand coastal erosion.

To understand how climate change is affecting the coast-line of the United Kingdom.

## Keywords

Coast, feature, beach, cave, arch, stack, stump, headland, bay, erosion, hard rock, soft rock, hydraulic action, fault line, abrasion, transportation, deposition, climate change, flooding, sea-level

## What you could do at home

Take a trip to the coast or discuss a previous visit to the coast—what did you see, what was it like?

Watch videos of UK coasts or programmes like “Coast”

## Useful Websites

[KS2 Geography: Coasts and energy - BBC Teach](https://www.bbc.co.uk/teach/class-clips-video/ks2-geography-coasts-and-energy/z89pp4j)—<https://www.bbc.co.uk/teach/class-clips-video/ks2-geography-coasts-and-energy/z89pp4j>



# Mathematics

## What will we be learning about this half term

This half term, the children will be learning about the place value of each digit in a four digit number, ordering and comparing numbers beyond 1000 and identifying, estimating and representing numbers using different representations.

## Keywords

Place value

Digit

Ordering

Comparing

Estimating

Representing

## 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

<https://whiterosemaths.com/parent-resources>

<https://www.bbc.co.uk/bitesize>

<https://www.topmarks.co.uk/Search.aspx?q=Year 5 maths>

<https://nrich.maths.org>



# Music

## What will we be learning about this half term

Children will be learning to play the keyboard

## 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

<https://i.pinimg.com/736x/4c/7d/f9/4c7df9ba1196c4bbad3ec55454bc8e69--easy-piano-songs-piano-music.jpg>

<https://i.pinimg.com/originals/3c/24/0c/3c240cda0a6b8ce34852473a1cec23db.jpg>

<https://th.bing.com/th/id/R.ecb1f9515c44f58b95ba05a6ef559a18?rik=RHwijOrVOea77A&pid=ImgRaw&=0>



# Physical Education

What will we be learning about this half term

**Fitness**—Children will learn to understand different components of fitness; speed, strength, coordination and agility.

## Keywords

Point and patch balance

Fitness levels

Agility

Coordination

Stamina

Agility

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

[Www.All4kidsUK.com](http://www.All4kidsUK.com)

[http://](http://www.fitnessandathletics4kids.co.uk)

[www.fitnessandathletics4kids.co.uk](http://www.fitnessandathletics4kids.co.uk)

/

[https://www.youtube.com/watch?](https://www.youtube.com/watch?v=vzA8wMx-gew)

[v=vzA8wMx-gew](https://www.youtube.com/watch?v=vzA8wMx-gew) - Joe Wicks



# PSHE

## What will we be learning about this half term

We are going to be learning about what strengths, skills and interests we have.

Children will be learning about their personal qualities and how to set goals for themselves.

## Keywords

Qualities, identity, individuality, personality, self esteem, self worth, determination, resilience

## What you could do at home

Discussions at home: what do the children feel they are good at doing? What do they think they can get better at.

Working on the things they might not be as good at. Children can write down their goals at home—what do they want to achieve?

## Useful Websites

<https://biglifejournal.com/blogs/blog/5-fun-goal-setting-activities-children>



# Religious Education

## What will we be learning about this half term

This half term, the children will learn about expression of joy and how it links to blessings. They will understand how joy can be expressed by individuals and by whole communities.

## Keywords

Joy  
Expression  
Blessings  
Individuals  
Community

## What you could do at home

Ask your child to discuss their RE learning and how they are going to express joy at home. How could they help others to experience joy?

## Useful Websites

[reonline.org.uk](http://reonline.org.uk)

<https://www.bbc.co.uk/bitesize/subjects/z7hs34j>



# Science

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

**How can materials change state?**

**To understand the difference in structure between solids, liquids and gases.**

**To describe the process of evaporation.**

## **Keywords**

**Solid. Liquid, gas, evaporation, condensation, particles, temperature, freezing, heating, precipitation, steam, water vapour**

## **What you could do at home**

**With support from an adult try to do the following:**

**Heat chocolate– How does it change? What happened when you stopped heating it?**

**Boil a pan of water. Get an adult to hold a lid over the top. What happens?**

## **Useful Websites**

<https://www.stem.org.uk/resources/elibrary/resource/315591/what-temperature-does-chocolate-melt>

<https://www.bbc.co.uk/bitesize/topics/zgwc96f>

