



# Welcome to Ysgol John Bright!

**Look through here to discover more about  
the subjects you will learn at  
Ysgol John Bright.**

**Don't forget to do those  
SUMMER CHALLENGES!**

# Welcome to English

## Overview

English is like Literacy in Primary school. You'll read novels, plays and poems. You will write essays, reports, stories and descriptions. You will take part in group discussions and will be encouraged to present to small audiences.

## What skills will I learn?

You will learn to improve your reading and writing as well as your ability to work as a team. You will focus on developing your confidence to speak out loud.

## What will a lesson look like?

Every lesson will be different - that's the beauty of English! Of course, there will be plenty of opportunities to read and write. You will learn lots of facts and will have an opportunity to form your own opinions through creative ways including discussions, role play, drawing and note taking.

## English Summer Challenge!

### *Lockdown Life!*

Keep a diary of your experiences during Lockdown. Include information of what you have been up to and how that has made you feel.

# *Welcome to Maths*

## **Overview**

Maths at secondary school looks to move you on from understanding how Maths works to applying it to the real world. We hope that you will grow in Maths confidence and enjoy solving problems in various ways.

## **What will a lesson look like?**

Each lesson is different in Maths and we look to try and “Master” a topic through investigation, discussion and explaining our work to each other. There is usually more than one way of solving a problem and we embrace that!

## **What skills will I learn?**

You will build on your Number skills from Primary school whilst learning about new types of number systems and algebraic notation.

## **Maths Summer Challenge!**

<https://bit.ly/2YkVaBt>

# Welcome to Science

## Overview



is all around you; from the materials used to make your mobile phone and the energy needed to power it, to the food you eat for your lunch. Science is a fun way of learning about, and helping making sense of the world around us.

## What skills will I learn?

You will learn how to use scientific equipment correctly and safely. You will have the opportunity to test your ideas when you plan and carry out scientific investigations. You will work independently and in groups to solve problems.



## What will a lesson look like?



Every lesson will be different. During lessons you will discuss your ideas and ask questions. There will be lots of fun and interactive activities that help you understand different concepts and test out your own ideas. You will apply what you have learnt to different situations.

## Science Summer Challenge!

The world record for the furthest distance travelled by a paper aeroplane is **69.14m**.



How do **you** make a paper aeroplane? Can you beat this record? [How to make a paper aeroplane](#)

E-mail photos of your 'record beating' paper aeroplanes to [l.jones@johnbright.uk](mailto:l.jones@johnbright.uk)





# Croeso i Cymraeg



## Overview

At YJB we believe that developing your Welsh language skills is essential to learning about our culture, traditions as well as modern life. Being able to speak Cymraeg will enable you to communicate confidently with others within the school as well as outside in your community with other Welsh speakers, instilling the importance of the language to your Welsh identity.

## What will a lesson look like?

Lessons are carefully structured with all sorts of different activities and fun ways to learn Cymraeg, from individual challenges to group work. We believe that learning should be fun. You will have the opportunity to practise your reading, writing, listening and speaking skills and also get creative with the language through role play and games which will help you grow in confidence.

## What skills will I learn?

You will have the opportunity to practise your reading, writing, listening and speaking skills and also ignite your creative skills in group or paired conversations. You will learn how to agree and disagree in Cymraeg and justify your opinions to others using Welsh idioms - Bobl bach! Sôn am hwyl! 😊😊 Paid a siarad...



## Cymraeg Summer Challenge!

Wales is famous for its iconic flag. Using household materials, design the Welsh flag. We'd love to see your creations! Email them to [e.bonnell@johnbright.uk](mailto:e.bonnell@johnbright.uk)

Or learn a Welsh song such as our national anthem or Calon Lân. Record yourself singing it and send it to us.



# Welcome to PE

**Overview:** In PE we will learn about performance in a variety of individual and team games. We will learn to manage our movement in gymnastic / dance or athletics activities and we will learn the importance of remaining fit and healthy.

**What skills will I learn?** You will learn the skills of communication, cooperation, observation and fair competition. You will analyse your performance and other students performance. You will learn the essential parts of health and well-being.

## What will a lesson look like?

PE lessons at YJB are all practical so you will need to bring the correct PE kit with you. You will have a double lesson but usually do two different activities in that time. The lesson will usually teach you a skill or technique and then ask you to use what you have learned in some sort of practical performance.

**PE Summer Challenge!** You will have lots of time this summer to learn a new skill, join a new sports club or even set yourself a new fitness goal or health challenge. Persuade a friend to join you and set a goal for the start of school and take small steps each week to achieve your goal. Be ready to tell your PE teacher about it in your first lesson back. Good luck.



# Welcome to Music

## Overview

**Music is a chance for you to explore listening challenges, singing, performing on instruments, reading music and learning to use computers to help us to compose our own music.**

## What skills will I learn?

**You learn three musical key skills: performing, composing and appraising. We also build independent skills, group working skills as well as resilience, endeavour and confidence as we try new challenges.**

## What will a lesson look like?

**We make music every lesson, either by practising on an instrument, performing to others or making music on the computers. Lessons always start with a listening task to focus our mind on the subject and to help you learn new vocabulary.**

## Music Summer Challenge!

**Learn a song to sing to us (everyone has a voice!), or if you have an instrument you could learn a piece to play to the class.**

# Welcome to Drama

## Overview

Drama is an excellent way to bring your lessons to life! It is engaging and we do lots of fun activities, whilst learning at the same time. These activities include script writing, directing performing and evaluating.

## What will a lesson look like?

You will explore themes and share your creative ideas through directing and performing. You will be given the opportunity to perform your ideas in groups and learn how to write a script.

## What skills will I learn?

Drama will improve your confidence, listening skills, evaluation skills and group working skills. You will have the opportunity to perform in front of your peers.

## Drama Summer Challenge!

To prepare a short 1-2 minute talk about your experiences during Lockdown. You could talk about your happiest memory or the best thing you did.



# Welcome to Geography.

## The best subject in the world!



### Overview

Everyone loves Geography at YJB! We study the world; what shaped it, how it is changing and the impact on people. We start year 7 with a unit on Wales. How well do you know your nation? Other Year 7 topics include Weather, Rainforest/Deserts, Resources, and World Cities



### What skills will I learn?

The most important is to be able to think for yourself! A very common question is “suggest why?” where we see whether you can come up with a logical reason. Practical skills include graph and mapwork, using the internet effectively and working in a team.

### What will a lesson look like?

Every lesson begins with a little challenge! We then give you some new information with lots of pictures to help you understand. Then it is your turn to show us how brilliant you are!



### Geography Summer Challenge!

How well do you know your countries and capital cities?  
<http://www.sheppardsoftware.com/Geography.htm> is a great website where you get to play games to learn about where places are.

## Overview

History is the story of the past. It's the study of how things change but also how things don't. History is about understanding people, events and processes of the past. History needs an enquiring mind and the ability to study the clues and ask questions.

## What skills will I learn?

You will learn to use different types of historical evidence and reach judgements about how useful and reliable they are. You will learn how to reach judgements about the people and events you study and reach judgements on them.

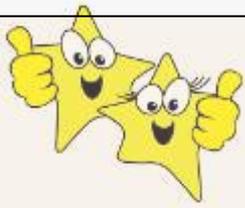
# Welcome to History

## What will a lesson look like?

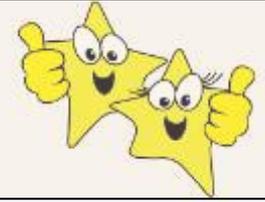
We usually start with a discussion, share what we know, work out what we want to find out and then go about finding it. You will do this through all kinds of activities like reading, writing, discussion, role play. The aim is for you to be active in looking for the facts and drawing your conclusions.

## History Summer Challenge!

We would like you to put together your experience of the Lockdown over the past few months in whatever way you like. It could be a recording of an interview with a relative, a collection of photographs/images that explain what the Lockdown was, a personal written account of your experiences. This will become evidence for the future generations to learn about the Lockdown.



# Welcome to RE



**Overview** Religious Education is the study of people's religious and moral beliefs and how they reflect this through the way they live their lives. It's about **teaching self respect** and **respecting the beliefs of others to create a better society**. It is done at YJB in a very exciting way-It's never boring. We look at so many different things! Its BRILL!

**What skills will I learn?** Reading and writing skills, different styles of writing. Discussions and debates and arguments!! Paired work and group work. Evaluative work and critical thinking. Deep Thinking Skills! Creative skills!



**What will a lesson look like? In three words:** **"EXCITING"**, **"INTERESTING"** & **"RELEVANT"**. In RE we do so many different activities during lessons such as looking at religious artefacts, watching DVD clips, debates and discussions. Role play, celebrating Religious Festivals by playing games and tasting religious foods. Of course we also have a great variety of written tasks too! RE is **FUN!**

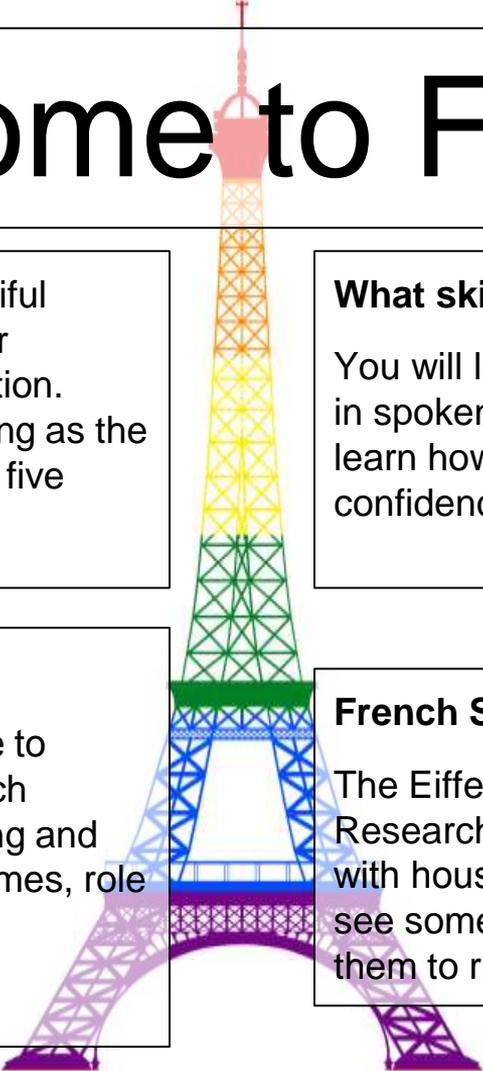
**RE Summer Challenge! The A-Z of RE!**

**Using the letters from the alphabet, produce a large, colourful poster showing something to do with Religion using each letter e.g. A=Adam and Eve B=Bible C=Church D=December 25th, Christmas M=Moses etc**

**Remember to add drawings and pictures to your poster! PRIZE for the best entries!**



# Welcome to French



**Overview:** Not only is French a beautiful language to learn, it is one of the major languages of international communication. French culture is diverse and interesting as the language is spoken by countries on all five continents!

## What skills will I learn?

You will learn to understand and communicate in spoken and written French. You will also learn how to work in groups and improve your confidence and communication skills.

## What will a lesson look like?

In every lesson, you'll have the chance to practise your spoken and written French through a wide variety of fun, interesting and challenging activities which include games, role plays and presentations.

## French Summer Challenge!

The Eiffel Tower is an iconic French structure. Research how it was built and create your own with household items. Be creative! We'd love to see some pictures of what you build. Email them to [r.bulleyment@johnbright.uk](mailto:r.bulleyment@johnbright.uk)

# WELCOME TO DESIGN & TECHNOLOGY

## Overview

Design and Technology in Secondary school is a faculty that covers a range of different subjects. Engineering, Fashion and Textiles, Product Design and Hospitality and Catering. Throughout the year you will experience all the subjects. All the exciting skills and experiences that come hand in hand with this diverse Faculty.

## What will lessons be like?

Throughout the year you will be able to experience all the specialist rooms and machines in a safe environment. The lessons will be different every week. You will learn how to successfully design and make a range of different products that you will be able to take home.



## What skills will I learn?

During the year you will learn a huge range of different skills and techniques. From using the tools and machines in the workshops. Graphics and drawings skills, sewing and sewing machine techniques in the Textiles rooms, to food cooking and preparation skills in the Food rooms. As well as how to design and make using computer software and CAM machines.

## D&T Summer Challenge

**Egg Drop Challenge.** Design and Make a capsule that will protect an egg while being dropped from an upstairs window. The capsule should protect the egg while it drops to the ground. Challenge other family members to take part. See whose capsule is the best.

# Welcome to ICT

## Overview

ICT is an ever changing subject with new technologies be developed daily. It is important for us to be skilled in and confident in using technology as it is becoming a tool that all industries are using.

## What will a lesson look like?

Lessons are varied and very interactive! Each lesson you will tackle a different challenge and build on your ICT skills. You will be challenged to carry out some online research, be creative and complete activities using the chromebooks/ PC's. Lessons could involve you watching some video clips, discussions with others, problem solving, teacher demonstrations, planning and preparation to tackle a challenge and then time for you to be creative.

## What skills will I learn?

You will learn how to confidently use a variety of software from Google Apps for Education to Scratch. You will cover topics such as E-safety, the Internet and World Wide Web and develop a website for a specific audience and purpose.

**ICT Summer Challenge!** How about having a go at your coding skills. You could use [Scratch](#) to create your own programmes and games.

If you do not want to code why don't you have a look at the latest technology by watching a [BBC Click](#) episode. You could write a review of what you thought about the technology.

We would love to hear how you get on! Email your challenges to [d.hicks@johnbright.uk](mailto:d.hicks@johnbright.uk)

# WELCOME TO ART!

## Overview

Have you ever wanted to learn to paint and draw like an expert but never felt confident to do this? Art at YJB will train you to do just that! You will learn new painting drawing and 3d skills whilst having **fun**.

## What will a lesson look like?

Every lesson will be different. You will have the opportunity to learn a variety of different skills and find out what your strengths are.

## What skills will I learn?

You will create rewarding pieces of art. This subject teaches you independent learning skills and gives you the chance to choose how you want to develop your own work. Art gives you confidence to tackle any creative challenge.

## Art summer challenge

Use the experiences you have written about for English about Lockdown life. Illustrate and make drawings of your thoughts and feelings and activities.