



# Year 10 Class - Summer 2022



## Maths

With Mrs Robinson the Y10 pupils will be completing work on volume and Surface Area of 3D shapes. We will then look at Circle Theorems, finishing off the term with work on Vectors. We will also do an end of year test.

This term our school topic is People. While our GCSE class no longer follow the topic based curriculum, they will still learn about this topic through prayers.

Our biblical context can be found here.

[https://www.bethanyschoolsheffield.org/\\_file/s/ugd/fd4d1c\\_08b58b0d13fb4215b37c7a33888cc8ef.pdf](https://www.bethanyschoolsheffield.org/_file/s/ugd/fd4d1c_08b58b0d13fb4215b37c7a33888cc8ef.pdf)

## Religious Studies

Last term we looked at beliefs, teachings and practices in Christianity, this term we have finished beliefs and teachings in Islam, and after Easter we will learn about practices in Islam. The class have enjoyed lots of discussion and are honing their evaluative skills. We've also been comparing and contrasting the core beliefs of Christianity and Islam and learning about the beginnings and foundations of the 3 monotheistic religions.

## Science

This term we are beginning to cover physics paper 2 - forces and their interactions including Newton's Laws of Motion and Momentum. We are also covering waves, including properties, electromagnetic waves and magnetism.

We are finishing Chemistry paper 1 and going onto cell structure and function and organs in their systems.

## English

This term Year 10 will be completing work on Romeo & Juliet and exploring the theme of Power and Conflict through the AQA Poetry Anthology. This falls well into the school topic of People.

## DT

This term we will continue with our group project. We are now in the making phase of the new Bin Store Door, so we will use our design drawings and specification to ensure we create an accurate and high quality product. We will also continue learning the theory aspects of the course covering wood, metal and plastics. We will also start another individual project in preparation for the Y11 NEA.

For you created my inmost being; you knit me together in my mother's womb. I praise you for I am fearfully and wonderfully made; your works are wonderful, I know that full well.

Psalm 139:13,14



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## Drama

Year 10 will be running a Mock Devised Drama topic, complete with keeping a Devised Drama Log so that they have an idea of timing and writing appropriate details before moving on to creating their Devised Drama piece which will count towards their GCSE marks and will be completed in the Summer Term. It is not literally a Controlled Assessment but in reality is run like it.

## P.E.

This term we will begin with a block on touch rugby. We will then move onto ultimate frisbee and rounders before doing a refresher on athletics. We plan on attending the Christian Schools Trust sports competition in the summer term, so will be refreshing our athletics skills in the run up to the competition.

## Art

The Y10 are now putting the final touches to their Unit 1 Portfolio and will present their work for marking. They are also preparing for a controlled assessment - 10 hours in which they must complete a finished piece from their chosen starting point.

## Computer Science

This term, the Year 10s will focus on programming in Python. This will include data types, operators, conditions, loops, strings, lists, tuples, and subroutines.

In parallel we will revise some related theory: computational thinking, fundamentals of algorithms, logic, binary, hexadecimal, characters.

## History

We are currently studying Elizabethan England. Elizabeth I was one of our greatest monarchs. With relatively little unrest, Bloody Mary's Catholicism was dismantled and Protestantism was re-established as the national religion. We learn how the Court functioned, how England began to emerge as a European superpower, and her culture flourished.

Our next topic is Russia 1894-1945: tsardom and communism. We learn how this great nation developed under regimes still influential today.

## French

Listening, speaking, reading and writing skills will be developed through topic areas below, helping students enrich their vocabulary and gain further independence.

- Travel & tourism
- Jobs, career choices & ambitions
- Future relationships & choices

Key grammatical concepts: the imperfect and perfect tenses, the simple future tense, 'si clauses', In June, they will sit pre-mock papers in all 4 skill areas, receiving comprehensive individual feedback.