



# ST. JOSEPH'S R.C. HIGH SCHOOL

## Y8 Learning Plan Spring 1

CLASSWORK /HOMEWORK	This half term we will be learning about:
<u>Art:</u> Nature in Art. Pupils will develop a range of technical and observational skills, using their own photography (AO1). They will focus on pencil work initially to gather confidence with drawing and then develop their skills in a more creative way (AO2 and AO3). They will research a choice of artists and use them as inspiration and use recycled materials to create a final piece based on Nature linking in a range of skills and accuracy. (AO4)	
<u>Drama:</u> Urban myths Pupils will understand; <ul style="list-style-type: none"><li>• the significant role that music and sound have in live performance, to provoke a range of cathartic audience responses, including pathos, excitement, tension and nostalgia.</li><li>• the impact that using contrasting or abstract sound and music in performance will have on the experience for the audience and performer.</li><li>• how to rehearse drama using sound and music as a stimulus, to enhance the dramatic elements (pace, climax, contrast) or to support continuity.</li><li>• how to work safely and respectfully with all equipment.</li><li>• how to analyse, evaluate and interpret the use of sound and music in a live performance.</li></ul>	
<u>English:</u> Pupils will study a modern novel, either Chinese Cinderella or Noughts and Crosses. Pupils will focus on the following skills: <ul style="list-style-type: none"><li>• Understanding plot and character including comprehension questions</li><li>• Reading strategies</li><li>• Developing vocabulary</li><li>• Selecting quotations and using them correctly</li><li>• Commenting/analysing language</li><li>• Context</li><li>• Using context when analysing</li><li>• Extract analysis</li></ul> Pupils will also be taught descriptive writing, writing to persuade; study non-fiction texts and a selection of poetry.	
<u>Geography:</u> Pupils will continue with the Investigating Africa and Kenya unit: the physical Geography of Africa; creating a political map of Africa; a study of Kenya's climate; population distribution in Kenya; a study of squatter settlements in Africa (causes; conditions and improvements/solutions).	
<u>History:</u> Pupils will study politics and protests in the 19 <sup>th</sup> century. Pupils will move onto looking at aspects of life in Britain after 1900 focusing on the campaign for the votes for women with the Suffragette Movements and the main events of World War One 1914 – 1918 with particular emphasis on life in the trenches and the effect this had on the soldier's morale and health. Emphasis will be on developing key concepts AO1, AO2 and AO3.	
<u>IT/ Computing:</u> Pupils will study SmallBasic/Microbits – and take a look at programming, moving from visual programming to textual based coding. There will be a variety of tasks that challenge pupils and encourage them to follow instructions and try to work things out independently. This unit will rely on pupils showing resilience.	
<u>Maths:</u> <u>Embed</u> <ul style="list-style-type: none"><li>• Revisit and recall understanding of perimeter</li><li>• Develop knowledge of Area</li><li>• Investigate Surface Area</li><li>• Explore Volume</li><li>• Generate sequences from rules</li></ul>	



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- Find rules for sequences

## Extend

- Circumference and area of circles
- Solve problems involving circles
- Area and Perimeter of other 2D shapes, including composite shapes which may contain sections of a circle
- Volume of prisms and cylinders
- Explore sequences
- *Investigate Fibonacci numbers*
- *Investigate Fibonacci type sequences*
- *Explore geometric sequences.*
- *Investigate Quadratic sequences*

## Modern Foreign Languages:

Pupils will be studying of topic of 'my free time' in Spanish. Pupils will be able to listen, speak, read, write and translate information regarding their free time activities. They will revisit the present tense including irregular verbs in the present tense and work with the past and present tenses together. Pupils will discuss the advantages and disadvantages of technology and what role it plays in their lives.

## Music:

Rock Music: 'Queen' and 'Bon Jovi' - Appraisal and performance

- Pupils will explore key features of Rock Music (Music Technology, Power chords, riffs).
- Pupils will study and explore influential Rock artists: 'Queen' and 'Bon Jovi'.
- Pupils will study and discuss the context and history of Rock Music.
- Pupils will develop their understanding of reading lead sheets and playing melody and chords.
- Pupils will perform one Rock song as a solo musician and as an ensemble; 'We are the champions' or 'Livin' on a prayer', performing expressively and including stylistic features.
- Pupils will be self-reflective and will learn to give detailed peer feedback on performances.

## PE:

During the Spring and Summer term I will be learning: The basic skills and techniques of specific racquet sports such as tennis. Pupils will also learn how to develop knowledge and understanding of tactical game play and the specific scoring systems. Pupils will be learning how to develop skills and techniques of the various sprinting and running events. Pupils will be able to apply the competition rules of a wide range of track events and become competent at measuring and recording., they will be able to describe which techniques are effective and suggest ways to improve them. Pupils will also learn how to further develop good technical ability in throwing and jumping, how to measure and record data and be able to explain the importance in health and safety in various events and how is effects both participants and officials.

## RE:

**Life of Jesus** including: Jewish idea of Messiah; the annunciation; early life of Jesus; Jesus' baptism; Jesus' miracles; Parable of the Good Samaritan; Parable of the Sheep and Goats; Parable of the Talents; and Sermon on the Mount. The exam focus will be on sources of wisdom and authority.

## Science:

Reactions: Chemical Energy and Types of Reactions: To carry out and describe different types of chemical reactions and use technical language to make observations. To investigate the reactivity of metals and use them to make predictions in displacement reactions.

Electromagnets: Magnets and Electromagnets: To explore magnetic fields, permanent and induced magnets

## Technology :

Pupils will study different technology modules on a carousel throughout the year.

Resistant Materials: How to analyse a task and products to determine and identify a set of suitable key design criteria for a given product. How to work accurately to an existing plan, making modifications as necessary.

About the benefits of using CAD/CAM and the different types. About a range of matters associated with working with timber, tools, processes and finishes.

Graphics - Pupils will create a model cinema standee from a choice of films by using digital and craft-based skills. They will learn about the properties of card, create mock-ups and also experience some finishing processes such



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as spray mounting and using foil.

Food: During Year 8, pupils will complete 8 practical food preparation tasks and 4 theory lessons. They will learn a wide variety of practical skills including peeling and cutting a range of fruit and vegetables and handling and cooking raw meat. They will cook dishes from a range of different countries. During theory lessons, pupils will learn about the value of carbohydrates and fat in the diet. They will learn about a variety of diet related illnesses including obesity, coronary heart disease, type 2 diabetes and tooth decay. They will find out about the effects of hidden sugars in our food.

Textiles: During this module pupils will learn about product design and manufacture and will be making a product that is 'user-centred' and incorporates ethical and environmental issues surrounding the textiles industry using Pop Art as inspiration. By the end of the module they will have designed and made a quality product using various surface techniques and creating the pattern themselves. They will continue to develop their skills on the sewing machine for both construction and decorative purposes. They will have developed their designs based on the user's needs and preferences to create a product suitable for them. They will also have investigated what is meant by 'ethical' and 'environmental' in terms of cotton.