

ST. JOSEPH'S R.C. HIGH SCHOOL

Y8 Learning Plan Spring 2

CLASSWORK /HOMEWORK	This half term we will be learning about:
<u>Art:</u> Pupils will use literacy and will pick a topic based on a book, film quote, song or poem. They will develop their lettering and graphics shading techniques to create a unique font and they will also aim to recap and improve their portrait skills from Year 7. Pupils will bring all features and skills together to produce a final outcome.	
<u>Drama:</u> Devising Drama: Media. Pupils will understand: <ul style="list-style-type: none">• How to create a clear character using the actors tools.• How to be able to use a stimuli to create a performance.• To be able to evaluate and analyse performance.• To be able to explore a range of stage settings for performance.• To be able to understand some of the key roles in the theatre.• To be able to create coursework in response to practical work.• To be able to explore the deep meaning behind the stimuli.• To be able to explore the SMSC of a stimuli.	
<u>English:</u> Pupils will continue to read their modern literature text. In addition, they will study a non-fiction unit based on "Touching the Void" by Joe Simpson. They will study how the writer expresses his viewpoint in a non-fiction text and the writer's use of language. This will help to prepare pupils for English Language Paper 2. Pupils will also learn how to write to express their own viewpoint using a range of techniques.	
<u>Geography:</u> Pupils will start the Investigating China unit. Topics will include: the physical geography of China; population distribution in China; development in China; opportunities for sustainable development in China; China's Three Gorges Dam project; education in China.	
<u>History:</u> Pupils will study the challenges for Britain and the Wider World with a study of a significant issue in world history. They will look at the Russian Revolution, 1917, its causes and consequences and the development of Communism both in Russia and the World during this century.	
<u>IT/ Computing:</u> Python – are you a master coder? Pupils will create the programs and debug them to make them wonderful, finding and eradicating errors in the code. Key words: algorithm, syntax, integers, strings, loops, variables.	
<u>Maths:</u> Embed <ul style="list-style-type: none">• Recall previous work on multiplication and division of fractions• Use calculators to work out percentages and problems involving a percentage increase or decrease• Solve problems involving percentage change• Know and use algebraic notation• Simplify expressions• Expand a single bracket• Investigate inputs and outputs• Work with formulae – Substitution and order of operations• Factorise into one bracket• Addition and subtraction of fractions Extend <ul style="list-style-type: none">• Recall previous fractions and percentages work• Solve problems involving percentage change• Reverse percentage• Simple and compound interest• Factorise an algebraic expression, by common factors• Laws of Indices• Work on formulae – Substitution and rearranging Possible Extension: <ul style="list-style-type: none">• <i>Expand the product of two or more binomials</i>	

- *factorise a quadratic expression of the form $x^2 + bx + c$*

Modern Foreign Languages:

Pupils will further develop their Listening, Speaking, Reading, Writing and Translation skills, around the topic of food. This will include researching typical Spanish food, ordering at a restaurant, discussing mealtimes and healthy and unhealthy eating. Pupils will develop their role-play skills.

Music:

Year 8 (Reggae Music - Appraisal and performance)

- Pupils will explore key features of Reggae Music (Syncopation, Improvisation, Rhythm).
- Pupils will study and explore influential Reggae artists: Bob Marley.
- Pupils will study and discuss the context and history of Reggae 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; 'Three Little Birds' or 'Buffalo Soldier', 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 pupils 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 and will be able to apply the competition rules of a wide range of track events and become competent at measuring and recording. Pupils 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 will be able to explain the importance in health and safety in various events and how it affects both participants and officials.

RE: Life after Death and Trinity including: different beliefs about life after death; Catholic funerals; Trinity and Trinity symbols. Exam focus will be on sources of wisdom and authority.

Science: Waves: Wave Effects and Properties: To investigate light and the eye and how we see, using reflection and refraction. To explore the electromagnetic spectrum and its uses.

Genes: Evolution and Inheritance: To describe and explain inheritance, natural selection and evolution. To explore endangered and extinct species and reasons for this. To discuss genetic modifications and the ethical issues surrounding this.

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 things 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 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, diabetes type 2 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 they will have created 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.