



ST. JOSEPH'S R.C. HIGH SCHOOL

Y8 Learning Plan Autumn 1

CLASSWORK /HOMEWORK	This half term we will be learning about:
<u>Art:</u> Pupils will spend time focusing on their observational drawing skills to build up accuracy and develop their knowledge with shading to make objects look 3D. They will also be encouraged to have a go at photography in their own time to gather resources for their project. They will then develop their ideas into a creative, mixed media final outcome.	
<u>Design and Technology and Food Preparation and Nutrition:</u> Pupils will study different D&T/Food modules on a carousel throughout the year.	
<u>Resistant Materials:</u> 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, finishes etc.	
<u>Graphics -</u> 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.	
<u>Food:</u> 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.	
<u>Textiles:</u> During this module students 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	
<u>Drama:</u> Introduction to performing Drama <ul style="list-style-type: none">• How to creating a clear character using the actors tools..• To be able to explore a range of stage settings for performance.• Tobe able to understand some of the key roles in the theatre.• Pupils will be able to use improvisation tools• Pupils will be able to apply year 7 skills to new topics Pupils will develop a deeper understanding of Drama	
<u>English:</u> Students will study a 19 th Century novel (either Great Expectations, Frankenstein or The Hound of the Baskervilles), looking at plot character and themes. This will give them an opportunity to practise retrieval skills and analyse language. Skills needed for the GCSE English Literature examination will be taught such as how to analyse an extract.	
<u>Foreign Languages:</u> Re-cap of Year 7. Chance to revisit personal information, around, family, friends, house and home and focus again on the sounds of Spanish as well as the present tense and immediate future. New learning around holidays, transport, countries, opinions and the preterite tense for both regular and irregular verbs.	
<u>Geography:</u> All pupils will start the People Everywhere unit: - World population increase and the causes of changing birth and death rates - Population density and reasons for sparse populations and dense populations - Overpopulation - China's One Child Policy.	
<u>History:</u>	



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Pupils will start their study of political ideas and power by focusing on Britain 1745 – 1901. They will look at the main changes brought about by the Agricultural and Industrial Revolution and the consequences these changes had on the people of the time. They will develop their skills on the key History concepts of contextual knowledge (AO1), demonstrating second order concepts (AO2) and evidence and interpretation skills (AO3 + 4).

IT:

Grand Designs – We are taking on the roll of an architect to plan and design a new house. We will need to plan our whole project and manage our time using Gantt charts and other tools. Finance and budget will be considered as well as advertisement materials to promote our house. We will plan our house using CAD software (Computer Aided Design).

Maths:

Working Towards

- Explore and use prime numbers
- Use highest common factors to solve problems
- Explore powers and roots
- Investigate number patterns
- Plot and interpret linear graphs
- Use lowest common multiples to solve problems

Working At and Above

- Identify and use the prime factorisation of a number
- Recall approximation by significant figures
- Understand and use standard form
- Plot and interpret linear graphs
- Plot the graphs of simple quadratic functions
- Investigate real life graphs

Music:

Reggae Music and ensemble skills

- Students will explore the key features of Reggae music through appraisal and practical performance (Syncopation through chords and drum techniques).
- Students will study popular Reggae artists and develop ensemble skills through performances of these pieces.
- Students will learn how to create a medley, mash up arrangement of famous Reggae pieces as an ensemble.
- Students will develop their knowledge of music terminology through appraisal and practical feedback.

PE:

During the Autumn and Winter term I will be learning: How to use heart rate zones to monitor and record training as well as the different methods of training that can be used to develop and improve general and specific fitness.

RE:

People of Promise – Judaism.

History of the Jewish people including: Life of Abraham; Covenants with Abraham; Sacrifice of Isaac; Life of Moses; and the 10 plagues. Exam skills focused on knowledge, understanding, evaluation and analysis.

Science:

Organisms: Breathing and Digestion: Explore diet and digestion, involving balanced diets and carrying out food tests. Describe and explain aerobic and anaerobic respiration. Explain the adaptations of parts of the respiratory system and the factors that can affect the respiratory system.

Matter: Periodic Table and the Elements: Understand the periodic table and what it shows. Draw and describe the structures of the atom. Investigate alkali metals and halogens and their reactivity



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