

Year 8 Homework Options Half Term 6

June 24th to 28th- Maths, Art, Music, RE

Maths:

Above and Beyond Research Project: Mirror Symmetry. Make patterns by using two mirrors and a bucket of wooden pattern blocks. How creative can you be? 17 Innovative Mathematics Projects that Inspire Students | by Ali | However, Mathematics | Medium.

Option 1 Sparx Compulsory Work (this is the one hour task each student is expected to do).

Art: Illustration

Above and Beyond Take at least 6 photographs of different buildings and architecture around the city.

Option 1 Create a cardboard city inspired by Rob Dunlavy.

Music: Music in Film

Above and Beyond Watch a film and keep a record of all the music which is used throughout. Take note if you thought this was an existing piece of Music, or something which was composed for the film. Watch the credits to see if you were right and how many different people were responsible for the Music in the film.

Option 1 Create a 'Wall of Fame' poster for an iconic film score composer/film soundtrack. It must include information about the score e.g. tempo, dynamics, instrumentation, texture and mood etc.

RE:

Above and Beyond Research the religion of Jainism and present it in a PowerPoint; explaining beliefs, culture, practices and so forth.

Option 1 Create an article for a magazine explaining what a "Humanist" is and what they believe in.

July 1st to 5th- Science, History, Technology, PE

Science: Light and Sound

Above and Beyond Research and explain some real-life uses of light or sound: • E.g. Uses of light in fibre optics or stage lighting • Uses of sound in sonar, ultrasound, or medical cleaning Present your research as a poster or leaflet.

Option 1 What is thunder and lightning? • Which do you see/hear first? • How can you use them to estimate how far away a storm is? Describe how light waves are different to sound waves.

History:

Above and Beyond Create a model of a trench system and take a photograph of it or bring it to show your teacher.

Option 1 Write a letter as a soldier in the trenches, describing what life is like.

Technology: Lifestyle and Diet

Above and Beyond Plan a shopping list for a sportsman that has to balance a diet between carbohydrates and proteins.

Option 1 Explain the difference between vegetarians and vegans.

PE: Euro 2024\Paris 2024 Olympics

Above and Beyond Research a country participating in the mens Euro 2024 other than England researching and presenting facts about the team such as history, star players etc presenting in a creative way.

Above and Beyond Research an event in the Paris Olympics presenting key facts such as the Olympic champions, world record, description of the event etc in a creative way.

July 8th to 12th - English, Geography, French and Drama

English Noughts and Crosses

Above and Beyond Write a poem which links to N&C. You could retell the story as a poem or write about one of the themes. Use your imagination!

Option 1 Create a quiz/ crossword/ wordsearch that could test the knowledge of your classmates.

Geography: Is the geography of Russia a curse or a benefit?

Above and Beyond Sew a flag of Russia using old material. Make sure parents give you permission.

Option 1 Locate and map out physical landscapes of Russia on a blank map – use photographs to show what the landscape looks like.

French: Quel Talent!

Above and Beyond Make a video of yourself singing a French song or translate the lyrics of your favourite song into French.

Option 1 Create a presentation about your dreams and aspirations. This could be on PowerPoint, a poster or any format that you like.

Drama:

Above and Beyond Participate in or attend the school production.

Option 1 Write a newspaper article about the school production (interview cast and crew).