

## Year 7 Homework Options Half Term 3

### January 29th to February 2nd - Maths, Art, Music, RE

#### Maths

Above and Beyond Research Project: Geometry Map Project. Design a map that includes several distinct kinds of lines, angles and triangles. Your map can be of a town, your neighbourhood, a made up place...It must incorporate 2 sets of streets that are parallel, 2 sets of streets that are perpendicular, and one street that intersects another street to form an obtuse angle. Maths Projects – List of Math Project Models and Examples | Mathematics (vedantu.com)

Option 1 Sparx Compulsory. Option 2 Sparx XP Boost. Option 3 Sparx Compulsory Work/XP Boost/Times Tables Extra.

#### Art: Colour

Above and Beyond: Take your own photos of objects or scenery to create a colour wheel using collage or digital techniques.

Option 1 Create a colour wheel using an imaginative and creative approach. Some previous examples are baking cakes, toy cars and digital artwork. Option 2 Create a double page artist research page on the artist Georgia O'Keefe. This must include facts, images and your own artwork. Option 3 Create a colour wheel in colouring pencil or collage. You must include labels for primary and secondary colour.

#### Music: Just Play 1

Above and Beyond: Music Journalism - Go and watch a live music performance. This could be at a community centre, a local church, at The Sage Gateshead, The O2 academy, the Utilita arena or any other venue. Take a photo of yourself there and write a review of your experience. If you can't get to a live performance, watch a live performance on YouTube.

Option 1 Complete the quiz on Microsoft forms for the topic 'Just play 1'. Option 2 Track of the week - Listen to a piece of music of your own choice. Create a series of 'track of the week' style questions such as 'Describe the dynamic' and 'What are the instruments'. Provide answers to your questions and share your work with your teacher. Option 3 Album review - Listen to a full album of your choice by any artist and create an album review. In your album review, you should explain your thoughts on the album and describe each track of the album in detail. This can include what each song is about, why you like it or why you don't and how instruments are used.

#### RE: Abraham

Above and Beyond- Write a creative story with the moral to 'be resilient'.

Option One- In 100 words, explain one event that Abraham experienced in his life. Option Two- Create a storyboard of the life of Abraham in Judaism (without using any images of people) Option Three- Create a guide for the religious building 'Kabah'. Explain what this is and the significance of this in relation to Ibrahim.

### February 5th to 9th - Science, History, Technology, PE

#### Science: Atoms, elements and compounds

Above and Beyond: Create a fact file for 2 metal elements and 2 non-metals • Describe the properties of each element • Write a word equation to show what would happen if the metal and nonmetal reacted • Describe how the properties of the compound product is different to that of the element reactants.

Option 1 Create a fact file for 2 metals and 2 nonmetals • What is the name of the element? • Describe its properties and uses. • What do all metals have in common? • How are non-metals different? Option 2 Create a poster or PowerPoint to show understanding and knowledge of the similarities, differences, and explanation of

elements, compounds, and mixtures. Option 3 Model elements, compounds and mixtures • uses lego bricks, play doh or other materials at home to model how atoms are arranged in elements, compounds, or mixtures. • Draw or photograph your models and write a sentence to explain them.

### **History: Middle Ages**

Above and Beyond: Make a model of a middle ages village and take a picture of it. You can use any type of material- card board, Lego or a cake for example.

Option 1 Design a newspaper front page explaining what it was like to live in a Middle Ages village. Option 2 Draw a mind map to show the causes, symptoms and consequences of the Black Death in 1348. Option 3 Summarise your learning of the Middle Ages in over 100 words.

### **Technology: Nutrition and health**

Above and Beyond: Plan with your parents or carers a well balanced meal and if you have the opportunity to help to prepare the food.

Option 1 Using the eatwell guide show how you meet the recommended amounts of Macro nutrients in our diet. Option 2 Show what healthy snacks you could swap out for sugary snacks to reduce your sugar intake. Option 3 Make a food diary of the sugar you eat for one week when snacking.

### **PE**

Above and Beyond: Watch one of the Newcastle teams play a live fixture taking a photo of yourself at the game. For example Newcastle United men or women, Newcastle Falcons or Newcastle Eagles. Or an amateur local sporting fixture.

Option 1 Take part in sporting activity during the weekend every week of the Half Term. Option 2 Use You Tube to learn a new skill eg, headstand or a football trick. Option 3 Complete 10000 steps.

### **February 12th to 16th- English, Geography, French**

#### **English: Creative Writing**

Above and Beyond Write your own story/play with a link to one of the images you looked at.

Option 1 Creatively present what you have learnt about creative writing in lessons and through your own research. Include information on plot, characters and themes. You can present this any creative way you wish, e.g., a model, a video, etc. Be creative! Option 2 Write a poem in response to an image that you have chosen yourself. Write an explanation as to why you chose the image and what your poem means to you. Option 3 Create a collage of images, linked by theme and then write a creative piece of writing based on the images.

#### **Geography: What is an Economy?**

Above and Beyond: Creatively present what you've learnt about the economy from lessons and your own research. For example, a video blog, model of a feature or presentation.

Option 1 Design a poster that covers the four sectors of the economy. Option 2 Create a mind map showing how a chocolate bar connects the different sectors of the economy. Option 3 Explain why the UK no longer has a large primary sector.

#### **French: Au Collège**

Above and Beyond: Tell 5 of your teachers your positive opinion of their subject and a reason in French. Tell your teacher to email your French teacher to tell them.

Option 1 Research life in French schools. Option 2 Create a presentation about your school. This could be on PowerPoint, a poster or any format that you like. Option 3 Draw a mindmap illustrating what you have been learning this half term.