



Eastbrook School

**More Able (MABLE)
Independent Challenge**

BOOKLET

2024/25



YEAR 8

At Eastbrook School we recognise that as More Able, Gifted and Talented (MAGT) students you need access to a broad, balanced and challenging curriculum to enable you to reach your potential. Below are some suggested activities that will extend and enrich your learning and promote high attainment and progress. Should you complete any of the activities, let your teacher know, and show them your work.

Art (HOD: Mr Nathan – S.1.5)

▪ Find and complete an Art challenge or tutorial. The following could be starting points:

1. How to draw a Face
2. How to mix colours
3. How to draw from observation

Design and Technology (HOD: Mr Mugombe – SG.25)

- Investigate the impact of the Second World War on the progressions of design.
- Find out how and why the Bauhaus was closed down. You may wish to watch this to help you:

<https://www.youtube.com/watch?v=dPbNQdecjdM>

- Consider further researching the changes that happened before and after the war.

Drama (HOD: Mrs Bishop-S.1.28)

Watch the live performance of Shrek the musical and evaluate the success of the performance. Discuss key points like

- How they have brought the storyline to life
- The use of performance skills required to be a part of this show
- How the actors transform themselves into the characters.

Shrek The Musical Link

<https://www.youtube.com/watch?v=YY9j00f5VGM&t=73s>

English (HOD: Ms Pearson B.G.3)

Write your own short story or poem inspired by a text you have read in English

Read a novel and record a podcast reviewing it

Watch a film version of a classic novel - ask your English teacher for suggestions - and write a film review

Geography (HOD: Mr Ameen-E.2.1)

▪ If you are interested in the world around you and want to learn more, we have put together a reading challenge. Read one or more of these books:

- o Shackleton's Journey by William Grill
- o Plate Tectonics by Iain Stewart
- o Evolution - Steve Jones
- o How bad are bananas? - Mike Berners-Lee

History (HOD: Ms Godfrey- E.2.16)

▪ Complete these worksheets to expand your knowledge of the period of global History that we will study in Year Eight:

1. https://drive.google.com/file/d/1_3HXsm71o2AP62l6j2sZKDoMBVZRP3W/view
2. <https://drive.google.com/file/d/1lfw5XOhevE-30Z3oTyO6h5DWuempRVSK/view>
3. https://drive.google.com/file/d/1z9oY3-QevARpnuvtBS_uO8RAsO_QFkme/view

▪ You can find more similar worksheets here: <https://meanwhileelsewhereinhistory.wordpress.com/>

The following link provides some great projects that will help you start writing code and get going with digital making. These projects and tutorials include instructions, code and schematics. There are many projects for beginners, posted every day: <https://projects.raspberrypi.org/en/projects>

ICT (HOD: Mr Miah)

Research to learn how to use the Fusion 2.5 game design software.

Create and add more advanced features to the game design.

<https://www.youtube.com/watch?v=4AhdTFBvx1s>

Maths (HOD: Mr Ahmad- E.1.1)

▪ The Christmas Lecture series at the Royal Institute is an exciting and mind-bending event on the STEM calendar. In 2019, the mathematician, Hannah Fry, took the stage to present 'Secrets & Lies: The Hidden Power of Maths' over three episodes. Watch the first one

here: https://www.youtube.com/watch?v=_q4DrUHKCOQ.

Music (S.1.9)

▪ LISTENING ACTIVITY-Using tube listen to 'Mozart - Twinkle twinkle little star' (12 variations on Ah vous dirai-je, Maman)

(Link below)

[Mozart - Twinkle twinkle little star \(12 variation on Ah vous dirai-je Maman\)](#)

1. WRITTEN ACTIVITY

Describe how each variation is different from the theme using the elements of music. You need to write in full sentences. Use one element when describing each variation. You must end up using all elements of music in your descriptions by the time you arrive at the 12th variation.

The meaning of the elements of music are below.

- A) Pitch: High or Low
- B) Dynamics: Loud or Soft
- C) Duration: Long or Short notes
- D) Texture: Thick or thin
- E) Structure: How music is formed i.e. AB ABA ABACA
- F) Timbre: The quality of a sound i.e. what type of instrument is being played
- G) Harmony: What type of chords are being used? i.e. major, minor, what degree of the scale

Present your work like this. (the first one has been done for you)

Variation number	Element of Music	Description
1	Duration	The melody changed by having shorter notes. This could have been crotchets (one beat notes) moving into semiquavers (16 th notes)
2	etc	etc

PE (S.1.18)

- Identify two Olympic sporting events that you are not familiar with. Research them and watch them online if you can. Write a report of the rules and regulations and what the sport entails.

Religion and Philosophy (B.2.13)

- Do we have Free Will? Are we free agents who make our own decisions, or are our actions predetermined by a causal chain of preceding events or some other external influence? And if our actions are not predetermined, does that really mean we exercise free choice, or are our behaviours just random? Advances in neuroscience appear to show that our brains make decisions before we are even conscious of them. Take a look at this lecture <https://youtu.be/l3FFpHuZuJE> Does it make you question your original assumptions?
- Historical Jesus refers to the study of the life of Jesus from an historical perspective using sources beyond the Christian texts and traditions. Read this article below and watch the video clip. What do you think? <https://www.bbc.co.uk/news/magazine-35120965> and <https://www.dailymotion.com/video/x1vrzjr>

Science (HOD: Mr Ibrar –S.2.3)

- Scientists need to be able to interpret information and published literature. Use the following website

<https://learn.genetics.utah.edu/content/basics/>

to enrich your knowledge of genetics and create mind maps on the following topics:

- DNA and genes
- Chromosomes
- Proteins
- Mutation
- RNA

Spanish/French (HOD: Mr Ifrek-B.2.1)

▪ Go onto the GCSE section of SENECA Spanish Edexcel or revisionworld.com and try a Spanish past GCSE reading or listening paper.

1. Search online famous landmark in Paris
2. Choose two landmarks and write a short description for each (e.g., Eiffel Tower, Louvre Museum, Notre-Dame Cathedral).
3. Writing: Imagine you are going to visit Paris for a weekend. Write a paragraph about what you normally do on the weekend and what you are going to do in Paris.
4. Write an article about your town.

For more information, contact:

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