

## Year 8

### MAGT Tasks

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

- 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

- 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

- Learn Mickey's monologue (nearly 8) from Blood Brothers. Consider which physical and vocal skills you are using when you perform.

#### English

- Watch this TED Talk about the importance of reading:  
[https://www.ted.com/talks/lisa\\_bu\\_how\\_books\\_can\\_open\\_your\\_mind?language=en](https://www.ted.com/talks/lisa_bu_how_books_can_open_your_mind?language=en).
- Write a review of a book that has opened your mind. If you really want to challenge yourself, try to create a pairing of two books like Bu does in her talk. This could be two books that have similar themes or the same book in two different languages.

#### Geography

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

#### History

- 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\\_3HXsm71o2AP62l6j2sZKDoMBVZRPs3W/view](https://drive.google.com/file/d/1_3HXsm71o2AP62l6j2sZKDoMBVZRPs3W/view)
  2. <https://drive.google.com/file/d/1lfw5XOhevE-30Z3oTyO6h5DWuempRVSK/view>
  3. [https://drive.google.com/file/d/1z9oY3-QevARpnuvtBS\\_uO8RAso\\_QFkme/view](https://drive.google.com/file/d/1z9oY3-QevARpnuvtBS_uO8RAso_QFkme/view)
- You can find more similar worksheets here: <https://meanwhileelsewhereinhistory.wordpress.com/>

#### ICT

- 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>

## Maths

- 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

- Visit the impressive instrument collection at the Horniman Museum in Greenwich which is home to a fascinating assortment of images from throughout history and across the world.
- Walk through the instrument hall and check out antique pianos, unique string instruments, plenty of hand-made drums and more! Find out more here: <https://www.horniman.ac.uk/>

## PE

- 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

- 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

- 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

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