

Dear Year 9 Student

Your teachers have asked you to complete the following work in the long summer holidays and bring to your first subject lesson in September. Try to plan your time well and spread the tasks out over the holiday. Good luck with all the tasks and we look forward to seeing your work in September.

Art Option group

Research into Cubism. Visit the Tate Modern and find cubist images by Braque, Picasso and Juan Gris. Make sketches of some pieces and photos of others to bring to the first Art lesson in September.

English

1. Research Charles Dickens

Find out as much as you can about Charles Dickens.

His life

Where and when did he live and die? What sort of man was he? What about his family?

- When and where was Charles Dickens born?
- What were the names of Charles Dickens' parents?
- How old was Charles Dickens when he went to school?
- What happened to his father that meant Charles Dickens left school?
- Where did Charles Dickens go and work when the rest of his family moved to Marshalsea?
- What were the conditions like where Charles Dickens worked as a child?
- How long did Charles Dickens work for before going back to school?
- In what year and to whom did Charles Dickens marry?
- How many children did Charles Dickens have?
- How did Charles Dickens die and in what year?

His works

What did he write? How was his work published? Which are his most famous novels? What did people think of his novels at the time? How would you describe his style of writing and his choice of subject matter?

- Which of his two famous novels were inspired by his experience as a child?
- How did Charles Dickens begin his career?
- Which book shot Charles Dickens to fame in 1836?
- Which Queen did Charles Dickens perform before in 1851?
- What did Charles Dickens lecture against in the United States of America?

His times

What was life like when Dickens was alive? Try to find out about new industry, life for the poor, schooling, Christmas.

2. Presenting Dickens and Dickensian London

Produce a Charles Dickens leaflet or poster that provides information about the man, his life, his works and his times.

- You should spend at least 2 hours on the project
- Don't copy paragraphs from the internet – rewrite information in your own words
- Use pictures to illustrate your work – be creative and have fun with it!

***Due in upon your return to
school in September.***

Geography Option group

You must complete all the geography skills quizzes assigned on Doodle.

History Option group

To be ready for year 10, you need to have completed the following tasks:

Period overview (1918-2001): This is the first topics requires you to understand how events and ideas have shaped the modern world.

Task 1:

- Produce an annotated timeline of at least two pages in your book. For each event you need to provide a paragraph describing the event. **What** happened and why was it **significant**?

Include the following from 1917 - 2001:

- The Russian Revolution
- The Treaty of Versailles
- The Wall Street Crash
- The beginning and end of the Second World War
- The United Nations is formed
- The Soviets lead the world into Space: Sputnik, Yuri Gagarin and Valentina Tereshkova
- The Vietnam War
- Woodstock Rock music concert
- The USA land first people on the moon
- The Soviet-Afghan War
- The Soviet Union ends
- '9/11' - Al Qaeda attacks New York and Washington



Task 2

- **Become a Teacher: Research Task and Oral Presentation:**

You will present a 5-7 minute presentation to the class in your first week back with the aim of informing your fellow students about the particular event you have researched.

Choose **one** of the above. Your presentation also needs to produce a PowerPoint or Prezi presentation of 5-7 slides to support your oral presentation. One slide for each of the following points is recommended.

Include:

- ❖ **Overview:** Introduce the event and explain briefly what happened
- ❖ **Background:** What is the historical context in which the event took place? Consider what happened before the event.
- ❖ **Details of the event:** Explain how it developed, one thing leading to another.
- ❖ **Immediate consequences:** What was the reaction of other significant groups or nations?
- ❖ **Long-term consequences:** This is the challenging task. How do you think the event altered the way some groups or nations acted in the years/decades to follow? It may have changed culture, or how people viewed themselves, or the dangers/possibilities they saw for the future.
- ❖ **Annotated Bibliography:** at least THREE different sources, the date you accessed them, and write one sentence on how each one was useful in your research.



ICT (Option group)

You have to complete a series of exercises and assessments which you will find when you log into Insight. These will be checked when you return in September.

Maths

You have been set tasks to do on Hegarty Maths which will enable you to recap some of the work covered during this year. You must watch the associated video clips, complete the questions in your book and use green pen to correct work you don't get right first time. Your teacher will ask to see this work in September.

Music - Option group

Pupils are to work their way through these theory lessons that are online in preparation for what is expected from new GCSE spec.

<https://www.musictheory.net/lessons>

<http://www.bbc.co.uk/education/guides/z8c2mp3/revision>

MFL

There will be worksheets placed on Insight for you to practice your skills in the present tense, past tense, future tense and imperfect tense in either French or Spanish.

PE

Students to find out the definitions of the following and complete the tables below:

Component of Physical Fitness	Definition
Aerobic Endurance	
Muscular Endurance	
Muscular Strength	
Flexibility	
Speed	
Body Composition	

Component of Skill-Related Fitness	Definition
Agility	
Balance	
Co-ordination	
Power	
Reaction Time	

RE

You are to create a fact-file outlining, at least five facts for the topics below:

Rosh Hashanah

Yom Kippur

Shabbat

Sukkot

Passover

The Mitzvot

The 10 Commandments

Kosher food

Worship in the Synagogue

Worship in the Home

Abraham and the Covenant

Moses and the Covenant

Jewish beliefs about the afterlife

The Messiah

Science

After the summer holiday you will be continuing with the 9-1 GCSE Science course. You will need to prepare yourself for this. The first 3 units are outlined below. Research and answer the questions below. This will ensure that you have revision notes for the end of unit tests.

Biology –Photosynthesis and Distribution techniques

Describe the process of photosynthesis

List the word and symbol equations for photosynthesis

Describe and explain the limiting factors of photosynthesis

Describe how quadrats are used to study distribution

Explain how transects are used to investigate distribution

What are abiotic factors are with examples? What are biotic factors with examples?

Chemistry- Energy changes

What are exothermic reactions?

What are endothermic reactions?

Give examples for each of these reactions.

How do chemical hand warmers work?

How do chemical cold packs work?

Draw energy profile diagrams for exothermic and endothermic reactions, including the activation energy.

Explain the role of bond breaking and bond making in chemical reactions.

Physics- Electricity and Electricity in the home.

Draw out the Circuit symbols used in when making circuits.

What does Ohm's law say?

What is the role of thermistors?

What is the role of the Diode?

Describe and explain how a 3-pin plug is wired include explanations of the role of each of the wires, fuses and cable grip.

Define the following keywords current, voltage, resistance, Series circuit, Parallel circuit

Explain how the national grid works allowing us access to electricity.