



# Year 10 Track 1 Revision





# Year 10 Topic List

Please find enclosed a list of revision topics for Year 10. This provides only guidance with the detail being available in class notes, Google Classrooms and/or booklets provided during the year.

Pupils should use this as checklist to ensure all relevant topics have been covered.



# Year 10 Business



## Topic 1 - Marketing

- Introduction to Marketing
- Market Research, Primary and Secondary
- Purpose of the Marketing Mix
- Product
- Price
- Place
- Promotion



# Year 10 Computing



- Internet Safety
- The Basics



# Year 10 Drama

**Year 10 pupils will be assessed on their knowledge and performance of their current play, 'Bouncers'.**

## **PRACTICAL ASSESSMENT**

**Tracking Task:** Pupils will be asked to bring a scripted performance to life in groups of 3/4, in relation to the two combined scenes they have rehearsed in class. The teacher will monitor the class as they rehearse and will assess the pupils using the marking grid while they rehearse, as well as marking the final performance at the end of the lesson.

**Preparation:** The practical performance assessment will take place in one lesson. However, pupils will have lesson time to practice and rehearse their performances with their groups. Pupils need to ensure that lines are learnt before the final performance to achieve the higher grades.

**Practical performance skills:** Facial expressions, Body language, Gestures, Movement and Levels

**Vocal performance skills:** Pitch, Pace, Pause, Tone, Emphasis, Intonation and Accent



# Year 10 English

## **Track 1 - Descriptive Writing**

Track 1 requires the students to write descriptively, in first person. The students will use an image stimulus and complete an extended piece of descriptive writing, using the strategies that have been developed in term 1 thus far:

- Writing in 1st person;
- Capturing the mood of the event that they are describing, focusing on their own character (1st person) and the setting that they encounter;
- Using a range of the descriptive strategies that have been covered in term 1 to lift your descriptions.
- Use a range of sentence lengths to engage your audience;
- Write with technical accuracy, focusing on spelling , punctuation and grammar;
- Proofread your work regularly to minimise mistakes.



# Year 10 Geography



## Topic 1 - Population

- Population definition
- Global population figures and change over time
- Causes of population change
- Birth Rate/ Death Rate and Natural Change
- Population density and distribution
- Migration- push and pull factors

## Topic 2 - Earthquakes

- Structure of the earth
- Plate tectonic theory and convection currents
- Earthquake location and measurement



# Year 10 History

## 1. The Holocaust

- Key Terms: anti-semitism, inferior, superior, prejudice, discrimination, aryan, sub-human, Holocaust
- How were the Jews treated during Roman times, Medieval times, 19th century and Weimar Germany
- Describe Martin Luther's attitude towards Jews
- Why and how did Hitler develop his ideas and policies towards the Jews?
- Nazi treatment of Jews 1933-1939 (learn at least 3 detailed examples)
- Kindertransport
- Treatment of the Jews in the Early War Years 1939-1941 (Ghettos & Einsatzgruppen)
- Kristallnacht
- Treatment of the Jews in the Later War Years 1942-1945 (Final Solution)





# Year 10 Home Economics

## 1. Food Poisoning

Define food poisoning

Identify high risk foods which cause food poisoning & possible symptoms

Recall temperatures for fridge, freezer and danger zone

Understand the conditions for bacteria to multiply

## 2. Why do we need food?

Define diet, balanced diet and malnutrition

Recall the five main nutrient groups.

Understand the following terms: function, source, deficiency and symptoms

## 3 Practical Knowledge

Recall hygiene and safety rules when cooking

Select suitable equipment for cookery from reading a recipe



# Year 10 Maths

## 1) **Algebra**

- Order of operations (BIDMAS)
- Simplify expressions by collecting 'like' terms
- Multiply terms
- Expand brackets
- Solve equations (one step, 2 step, with brackets, x both sides)

## 2) **Measures of average**

- Calculate mean, median, mode and range from a list of values
- Calculate mean, median and mode from a frequency table
- Calculate estimated mean from a grouped frequency table



# Year 10 Science

## Topic 1 - Heat energy transfer

- Insulators and conductors
- Heat and temperature
- Conduction, convection and radiation
- Heat loss in the house - home insulation

## Topic 2 - Microorganisms

- Bacteria, viruses and fungi
- Antigens and antibodies
- Aerobic and anaerobic respiration and yeast
- Decomposers and carbon cycle

## Topic 3 - Reactivity

- Reactions of metals with oxygen, air and water
- Gas tests
- Rusting and rust prevention



# Year 10 Technology

## Part 1 - Theory

- The two groups of plastic and an example of each
- The PCB
- The tools and components used to make the circuit
- Circuit Symbols
- The Resistor
- Safety rules
- The Template

## Part 2- Manufacturing the Steady Hand Game

- You are required to sketch, render and annotate the manufacturing process involved in producing the electronic circuit and acrylic casing
- All the tools, machinery and materials that have been used need to be revised.

Marks will be given for presentation so a pencil and colouring pencils will be required.



# Year 10 RE



## Topic 1 - The Early Church

- The Book of Acts
- Beginning of the Church (Pentecost)
- Life in the Early Church
- Saul's Conversion

## Topic 2 - An Introduction to Racism

- Where did racism come from?
- Racism in America - The Jim Crow Laws
- Martin Luther King: Early Background
- Rosa Parks: The Montgomery bus boycott
- Taking a stand against discrimination
- Martin Luther King: 'I have a Dream'
- Racism today: What can we do?

## Topic 3 - Islam

- Key beliefs in Islam
- Sacred Writings and Symbols
- Importance of the Pillars of Islam
- Worship & Prayer



# Year 10 Spanish



## Topic 1 - Descriptions

- Describe hair and eyes
- Describe physical appearance
- Describe character
- Describe yourself and others
- Verbs ser and tener

## Topic 2 - Household chores

- Household chores