



Year 10 Revision



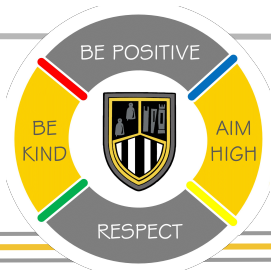


Year 10 Topic List



Please find enclosed a list of revision topics for Year 10. This provides some 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 Art



Practice drawing/painting;

‘Personal Project’

Practice drawing and/ or painting from real life. Draw an object that is related to your project, not from an image. Concentrate on achieving the shape accurately, adding in a range of tone and detail.

Evaluation;

For each piece of work you practice try to write an evaluation on this using the correct art terminology. Remember the elements of art when doing this.

Google classroom has content on evaluations to help you.



Year 10 Business



Topic 1 - Marketing

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

Topic 3 - BCS

- **Use a powerpoint application**
- **Save application and upload to google classroom**
- **Insert Title**
- **Effective formats on Text**
- **Slide backgrounds**
- **Images**
- **Action buttons**
- **Hyperlinks**
- **Slide transitions**
- **Animations**
- **Speaker notes**



Year 10 Computing



- Internet Safety
- The Basics



Year 10 Drama



Practical Assessment:

Pupils will complete a practical assessment in their lessons before the exam week starts. This will be performing a scene or extract from 'Matilda the Musical'

This will make up 50% of their overall mark

Written Exam

- **Vocal Skills:** Pitch, Pace, Accent, Intonation, Volume, Tone, Emphasis
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- **Physical Skills:** Facial expressions, gestures, movement, tableau
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- **John Godber** - Comedy Plays
- Analysing a comedy script using Vocal and Physical Skills
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- **'Matilda the Musical'** - Storyline, Characters, Costume and Set
- Write your own scene to alter the ending of the Musical - consider Plot, Characters, Music, Set, Staging and Lighting
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- **Stimulus** - creating a piece of drama using a stimulus (picture, news story or lyrics)



Year 10 English



Year 10 students will be assessed on the reading and writing skills that they have learned and developed throughout the year. The following skills will be assessed in the Summer assessment:

Reading Section

- Reading a text carefully, paying attention to the style of questions that are being asked.
- Retrieving information from the passage, guided by the individual questions.
- Summarising information; the students will be tested on their ability to read sections of the text, putting it into their own words.
- Identifying written techniques used by a writer.
- Explaining how language is used by a writer for a specific purpose using the format that has been covered this year.

Writing Section

- Planning a written task, ensuring that it is written carefully, focused on the type of task that is set.
 - Proof-reading (reading over) written work regularly to ensure that it makes sense and that it is written accurately.
 - Check over the spelling of shorter and more challenging words throughout.
 - Using the descriptive writing techniques that have been taught this year in your work.
 - Using different sentence lengths in your writing to make it more interesting.
 - Paragraphing your work when it is appropriate.
 - Using punctuation accurately throughout your work.
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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
- Impacts of an earthquake
- Earthquake management
- Earthquakes in LEDCs vs MEDCs

Topic 3 - Development

- What is development
- The development gap
- The north- south divide
- Measuring development
- Human Development Index
- Reasons for poverty- historical/ political/ debt/ environmental
- Sustainable development goals

Topic 4- British Isles Weather and Climate

- Weather and climate definitions
- Climate zones and graphs
- Rainfall and temperature variation across the BI
- Factors affecting climate
- 3 types of rainfall



Year 10 Music

Year 10 Music Exam will incorporate a written and a practical element.

Both will take place during 2 different music lessons. The first will be the practical, the second the written exam.

Year 10 Practical Exam - Pop Song Performance on the keyboard

Topics for Written Exam

Topic 1 - The Elements of Music

- Pitch – High and Lowness of the sound
- Tempo – The speed of the Music
- Texture – The thickness or the thinness of the Music
- Dynamics – The volume of the Music
- Duration – The length of the notes and Music
- Silence – No sound at all
- Timbre – The material the instrument is made of, its unique sound
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Topic 2 - Soundtracks and Film Music

- Popular TV Themes – listening
- Character themes in film – what is the purpose of film music?
- Horror music – listening and how is the scary effect achieved?
- Western music instruments

Topic 3 – Popular Songs and Riffs

- Popular Song Structure – ‘Stand by me’
- Popular Riffs and their songs
- Reading notes and matching them to music



Year 10 History



1. The Holocaust

- Key Terms
- 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)
- Treatment of the Jews in the Later War Years 1942-1945 (Final Solution)

2. Causes and Consequences of Partition

- Key Terms
- What was NICRA?
- The main aims of NICRA
- Battle of the Bogside 1969 (Main events and consequences)
- The actions and downfall of Terence O'Neill
- The Emergence Paramilitary Organisations by 1971
- Internment 1971 (what was it and why was it introduced)
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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

Carbohydrates

Identify the function and recall sources of carbohydrates

Proteins

Identify the functions and recall sources of proteins

Suggest reasons why someone may decide to become a vegetarian, listing suitable sources of proteins

Fat

Identify the functions of fat

Identify the sources of saturated and unsaturated fats

3. Energy

Identify what energy is and what the body uses it for

Identify factors which affect a person's energy requirements

State the units used to measure energy

Explain the term energy balance

4. Adolescents

Identify healthier food choices for adolescents

Iron

Recall the function and sources of iron in the body

Define the term anaemia, list groups of people who are more likely to suffer from anaemia and explain why

State three symptoms of anaemia

Vitamin C

Recall the chemical name, functions and sources of vitamin C

5. Calcium and vitamin D

Recall the function, sources and deficiency of calcium

Identify the function, sources and deficiency of Vitamin D

Understand how osteoporosis affects the structure of the bone

6 Practical Knowledge

Recall hygiene and safety rules when cooking

Select suitable equipment for cookery from reading a recipe

Identify cookery skills

Recall abbreviations of equipment and the amount each holds when measuring



Year 10 Maths



1) Algebra

- Order of operations (BIDMAS)
- Simplify expressions by collecting 'like' terms
- Multiply terms
- Expand brackets
- Solve equations

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

3) Charts and diagrams

- Draw and interpret stem and leaf diagrams
- Draw and interpret scatter diagrams (correlation, lines of best fit etc)
- Draw pie charts
- Complete and interpret two way tables

4) Area and perimeter

- Calculate perimeter of 2d shapes
- Calculate area of 2d shapes
- Calculate perimeter and area of compound shapes

5) Circles

- Language of the circle
- Using radius and diameter
- Calculate circumference and area (whole circles or parts)



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 - Reactivity

- Reactions of metals with oxygen, air and water
- Gas tests
- Rusting and rust prevention
- Exothermic, endothermic and displacement reactions
- Pure metals and alloys

Topic 3 - Microorganisms

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

Topic 4 - The Periodic table

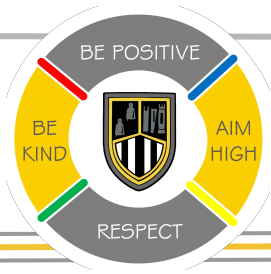
- Features of the Periodic table
- Elements and alkali metal experiment
- Symbols, groups and periods
- Trends in periodic table

Topic 5 - Food and nutrition

- Diagram of digestive system
- Nutrients in food
- Food tests
- Balanced diets
- Enzymes and absorption

Topic 6 - Earth and space

- Knowledge of solar system
- Day and night and seasons
- Moon and gravity
- Stars, galaxies and the universe



Year 10 Technology



Topic 1 - The Steady Hand Game

- Signs and warnings in a school workshop
- Electronics (components, symbols and their use)
- The Design Process
- Making a PCB
- Soldering

Topic 2 - The Key Holder

- Introduction to metals
- Metals - tools, machines and processes for:
 - 1) marking out
 - 2) cutting
 - 3) shaping
 - 4) threading
 - 5) joining
 - 6) finishing
- Working Drawings



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
- Opinions
- Time expressions
- Daily routine
- Preterite tense

Topic 3 - Jobs

- Jobs
- Places of work
- Opinions and reasons
- Conditional and future tense

Topic 4 - Places in town

- Shops and places in town
- Directions
- Buying souvenirs
- At the market

Useful website: www.linguascope.com