



Year 9 Revision



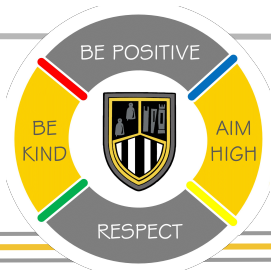


Year 9 Topic List



Please find enclosed a list of revision topics for Year 9. 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 9 Art



Practice drawing/ painting;

‘Snack Packaging’

Practice drawing and/ or painting from real life. Try drawing a packet of crisps or a healthy bar. Concentrate on achieving the shape accurately, adding in a range of tone and detail. Do this in both colour and shading.

Evaluation;

For each piece of work you practice, 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 9 Business



Topic 1 - Introduction to Business

- What is a business?
- Difference between goods and services
- Difference between a need and a want
- Entrepreneurship - what is an entrepreneur
- What does it mean to be enterprising
- Skills and qualities needed
- Personal benefits of being enterprising
- Drawbacks of being an entrepreneur
- Factors of production (land, labour, capital and enterprise)

Topic 2 - Types of Ownership

- Different types of Businesses
- Sole Traders
- Partnerships
- Deed of partnership
- Liability (unlimited and limited)

Topic 3 - Business Aims and Objectives

- Types of Production
- Methods of Production



Year 9 Computing



- Internet Safety
- Photoshop



Year 9 Drama



Practical Assessment:

Pupils will complete a practical assessment in their lessons before the exam week starts. This will be based on 'Let him have it' or Melodrama depending on what their teacher has chosen

This will make up 50% of their overall mark

Written Exam

- **Vocal Skills:** Pitch, Pace, Accent, Intonation, Volume, Tone, Emphasis
- **Physical Skills:** Facial expressions, gestures, movement, tableau
- **Bugsy Malone:** Storyline & Characters
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- Analysing a script using vocal and physical skills to describe how an actor would play various roles.
- Writing your own script based on a stimulus (picture)
- Creating characters and costume designs and justifying your choices



Year 9 English



Year 9 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.



Year 9 Geography



Topic 1 - The British Isles

- Countries which make up British Isles/ UK/ GB/ Ireland
- Flags of the British Isles
- Identify and locate capital cities/ seas/ mountains
- Northern Ireland- 6 counties/ rivers/ mountains

Topic 2 - Settlement

- Settlement Hierarchy
- Settlement site factors
- Settlement function

Topic 3 - Rivers

- Drainage basin- features and definitions
- River processes- erosion/ transportation/ deposition
- River changes from source to mouth
- River landforms- waterfalls

Topic 4 - Climate change

- Climate change- definition, causes and effects
- Global warming and the greenhouse effect
- Types of greenhouse gases
- Natural causes of climate change
- Human causes of climate change
- Solutions to climate change
- Carbon footprint



Year 9 History



1. World War One

- Key Terms
- Four long-term causes of WWI (Including the Alliance system and countries were in each alliance)
- Trenches- How did they defend soldiers?
- The Treaty of Versailles (what was it? When was it signed? What were the Terms?)

2. Life in Nazi Germany

- Key Terms
- Why did people vote for Hitler in 1932?
- How did life change for women living in Nazi Germany?
- How did Hitler control the lives of young people in Nazi Germany? (Education and Youth groups)
- The Nazi Police State



Year 9 Home Economics



Year 9 Revision List

1. Choosing Food/Food Miles:

Recall different sources of food.

Describe how our food choice can affect our health.

Explain how we can make wise food choices i.e. food miles. Highlighting advantages and disadvantages of local produce.

Define the term processed & suggest different ways foods can be processed.

Recall the dietary goals.

2. Fat including Eat less Fat

Describe the functions of fat and state the sources of fat.

Discuss how we can change recipes to reduce the amount of fat.

Describe the problems of including too much fat in the diet.

3. Carbohydrates including Eat more Fibre and Eat less Sugar

Fibre: State why fibre is important in the diet.

Identify foods which contain fibre.

Suggest how to increase fibre in our diet.

Sugar: Describe the problems of eating too many carbohydrates.

Suggest how we can reduce the amount of sugar consumed.

Label the diagram of the tooth.

Describe ways we can care for our teeth.

Know different types of diabetes and how to control

4. Eat less Salt

State how much salt should we consumer.

Discuss why we should eat less salt

Explain ways that we can reduce salt content in the diet.

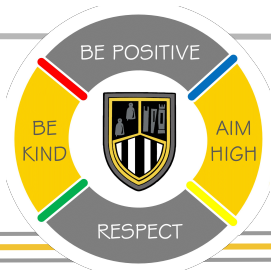
5. Drink less alcohol

State long and short term effects of drinking too much alcohol

6.. Practical knowledge

Recall hygiene, safety and food safety rules.

Select a range of equipment used during practical cookery from reading a recipe.



Year 9 Maths



1) Algebra

- Simplify expressions
- Expand (multiply out) brackets
- Solve equations
- nth term

2) Fractions

- Calculate fractions of amounts
- Simplify fractions
- Equivalent fractions
- Add, subtract, multiply, divide with fractions

3) Pythagoras' Theorem

- Calculate squares and square roots
- Calculate the length of the hypotenuse
- Calculate the length of a shorter side

4) Decimals

- Order decimals
- Use $<$ and $>$
- Read from scales
- Add, subtract, multiply and divide with decimals
- Calculate with money

5) Percentages

- Calculate percentages without a calculator
- Percentage increase and decrease
- Calculate percentages with a calculator

6) Transformations

- Reflection, rotation, translation and enlargement



Year 9 Music

Year 9 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 9 Practical Exam – ‘Samba de Janiero’ keyboard performance of melody, chords and/or bass

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

Topic 2 - Samba Music

- Samba Instruments - Surdo, Agogo etc
- Origins of Samba Music – where does it come from?
- ‘Samba de Janiero’ and its different sections and parts
- Listening to Samba Music

Topic 3 - The Blues

- The Middle Passage - Slave Trade – where Blues Music came from
- Structure of a blues song – 12 bar blues and the chords used
- Blues keyboard chords – the notes used in each chord
- Bessie Smith- St.Louis Blues listening







Year 9 RE



Topic 1 - Moses

- Slavery in Egypt
- Birth of Moses
- Moses and the Burning Bush
- Ten Plagues
- Passover
- Crossing the Red Sea / in the wilderness
- Ten Commandments

Topic 2 - Judaism

- Key Beliefs in Judaism
- Important people in Judaism (Abraham)
- Place of Worship
- Role of a Rabbi
- Various traditions; praying, eating, etc
- Jewish Festivals

Topic 3 - Parables

- Parable of the Mustard Seed
- Parable of the Good Samaritan
- Parable of the Lost Son
- The Unforgiving Servant



Year 9 Science



Topic 1 - Sound

- Wavelength, amplitude and frequency
- Speed of sound in solids, liquids, gases and a vacuum
- Hearing range
- Echoes

Topic 2 - Combustion

- Burning fuels, combustion and oxidation
- Fire triangle and fire safety
- Burning candles experiment
- Air pollution and global warming

Topic 3 - Breathing, circulation and respiration

- Respiratory system
- Gases in the air
- Heart rate and exercise
- Structure of heart
- Aerobic and anaerobic respiration
- Drugs and reaction times

Topic 4 - Mixtures and separation

- Solution words and definitions
- Temperature and solubility
- Rock salt experiment
- Chromatography and distillation

Topic 5 - Energy

- Energy in food (including burning crisps experiment)
- Energy transfers
- Fuels - renewable and non-renewable

Topic 6 - Reproduction

- Male and female reproductive systems
- Reproductive cells, fertilisation and implantation
- Placenta, umbilical cord and amniotic fluid
- Pregnancy and birth



Year 9 Spanish



Topic 1 - Where I live

- Describe where I live
- Rooms in the house
- Adjectives and agreement

Topic 2 - Daily routine

- Daily routine
- Time
- Description of daily routine
- Breakfast

Topic 3 - Hobbies

- Hobbies
- Opinions
- Days of the week and expressions of time

Topic 4 - At the cafe

- Items of food and drink
- Cafe dialogue to order food and drink
- Numbers

Useful website: www.linguascope.com



Year 9 Technology



Topic 1 - The Tea Towel Holder

- Signs and warnings in a school workshop
- Introduction to Woods
- Manufactured boards
- The Design Process
- Marking out, cutting, shaping, joining and finishing wood (tools, machinery and processes involved)

Topic 2 - The Moisture Sensor

- Electricity
- Electrical safety
- Electronic components including their use and symbols used
- Resistors and colour codes
- Making a PCB
- Soldering
- Types of Plastics
- Joining Plastics
- Vacuum forming