



Year 8 Revision





Year 8 Topic List



Please find enclosed a list of revision topics for Year 8. 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 8 Computing



- Internet safety
- Digital Footprint
- The Basics
- MS Word



Year 8 Drama



Practical Assessment:

Pupils will complete a practical assessment in their lessons before the exam week starts. This will be performing a poem using various vocal skills, gestures and facial expressions.

This will make up 50% of their overall mark

Written Exam

- Drama Keywords: Theatre, Rehearsal, Props, Levels, Script
- Stage Areas
- Rules for performing on stage
- Vocal Skills: Pitch, Pace, Accent, Intonation, Volume, Tone, Emphasis
- Mime
- Physical Skills: Facial expressions, gestures, movement, tableau
- Characterisation - creating your own character
- Designing a costume
- Writing your own scene
- Considering how you would play a character in a scene using vocal and physical skills



Year 8 English



Year 8 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 8 Geography

Topic 1 - What is Geography & Our World

- 3 types of Geography- definitions and example
- 7 continents - locate and label
- 5 oceans- locate and label

Topic 2 - Mapwork

- 4 types of maps and uses
- 5 things every map needs
- 8 point compass and directions
- 4 figure grid references
- Map symbols

Topic 3 - Weather and Climate

- Definitions of weather and climate- differences between these
- 6 climate zones
- Weather instrument names, description and units used
- Synoptic charts and symbols
- Microclimate definition
- 5 factors which create a microclimate

Topic 4 - Volcanoes

- Structure of the earth
- Tectonic plates- theory and location
- Plate movement
- 3 types of volcanoes
- Impact of volcanic eruptions
- Mount Saint Helens eruption 1980



Year 8 Music

Year 8 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 8 Practical Exam – Carnival of the Animals Performance Task

(Making up a melody based on 1 of 3 animals set in class, in the style of Camille Saint-Saens)

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 - Instruments of the Orchestra

- The role of the conductor
- The colours of the orchestral families
- String Family - Violin, Viola, Cello & Double Bass
- Woodwind Family - Flute, Oboe, Clarinet, Bassoon
- Brass Family - Trumpet, French Horn, Trombone & Tuba
- Percussion Family - Timpani, snare drum, xylophone, triangle
- Identifying what instruments sound like

Topic 3 - Carnival of the Animals

The Composer - Camille Saint-Saens, his nationality

- Donkey, Lion, Fish & Tortoise melodies
- How the orchestra is used to create specific sounds
- Writing about what you hear in music – how does Camille Saint-Saens make the music sound like fish? High melodies, fast tempo.



Year 8 History



1. What is History?

- Definition of key terms (chronology, decade, century, millennium, year, AD, BC)
- What is primary evidence?
- What is secondary evidence?
- How to work out what century a date is in

2. The Norman Conquest of England

- What were the first castles that the Normans built called?
- What materials were these made from?
- Why were these castles so easy to attack and destroy?
- The features of a stone keep castle
- Ways to attack and defend a castle

3. The Normans in Ireland

- What was Ireland like before the Normans arrived
- The story of Dermot and Dervorgilla and how it led to Norman arrival in Ireland
- Norman Castles in Ireland

4. The Black Death in Europe and England

- Causes of the Black Death
- How the Black Death spread
- People's beliefs about the Black Death



Year 8 Home Economics



1. Equipment

Identify equipment used in the kitchen.
Describe the correct use of various pieces of equipment.

2. Hygiene

Discuss the difference between personal and kitchen hygiene
Recall kitchen and personal hygiene rules
Define bacteria

3. Knives

Identify a range of knives used when cooking
Describe how a chef can be safe when using knives
Different cuts using knives

4. Washing up Routine

Describe why it is important to follow the washing up routine
Identify equipment used when washing up

5. Safety

Describe accidents that may happen in the kitchen
Recall safety rules
Discuss how accidents could be prevented in the kitchen

6. Weighing and Measuring

Recall different equipment used to measure
Recall the abbreviations and measurements used for each spoon
Discuss how to accurately weigh or measure

7. Healthy Eating

Discuss how the Eatwell Guide can be used to plan healthy meals
Identify sections of the Eatwell Guide
Define the term composite foods with examples

8. Cooking Food

Why do we cook food?
Heat transfer/ Parts of the cooker
Methods of cooking food

9. Practical Knowledge

Select suitable equipment to use during cookery from reading the method of a recipe
Suggest reasons for food safety rules



Year 8 Maths



1) Types of Number

- Square, cube, square root, cube root
- Number sequences
- Order of operations (BIDMAS)
- Factors, multiples, primes
- HCF, LCM, prime factor decomposition

2) Angles

- Compass directions
- Describing fractions of turn (including clockwise and anticlockwise)
- Types of angles
- Measure and draw angles (protractor work)
- Angle properties (calculating missing angles)

3) Directed Number

- Ordering numbers
- Using symbols =, \neq , $<$, $>$, \leq and \geq
- Using the four operations with positive and negative numbers
- Coordinates in all four quadrants
- Naming lines of the grid

4) Statistics

- Collecting data (tally and frequency tables)
- Construct and interpret pictograms, bar charts, pie charts and frequency trees
- Measures of average (mean, median, mode) and spread (range), including frequency tables

5) Algebra

- Writing algebraic expressions
- Simplifying expressions by collecting 'like' terms
- Substitution



Year 8 RE



Topic 1 - Big Questions: Creation

- Christian Creation Story
- Scientific Creation Story
- Chinese Creation Myth

Topic 2 - The Bible

- Bible as a Book
- Bible as a Library of Books
- Books of Old and New Testament
- Writers of the Bible
- Relevance of the Bible for today
- Story of Mary Jones

Topic 3 - Abraham

- Idea of covenant
- God's call to Abraham
- Abraham and Lot separate
- Sacrifice - then and today
- Prayer

Topic 4 - Life at the Time of Jesus

- Geography from the time of Jesus
- Religious groups from the time of Jesus
- Cultural traditions in Palestine
- Background - role of the Romans
- Discipleship



Year 8 Science



Topic 1 - Introduction to Science

- Safety rules
- Lab equipment
- Hazard symbols
- Bunsen burner
- Bar charts

Topic 2 - Acids and Alkalis

- Indicators - (Litmus and Universal including pH scale)
- Neutralisation
- Types and uses of acids and alkalis

Topic 3 - Forces and Motion

- Contact and non-contact forces
- Measuring forces
- Friction
- Balanced and unbalanced forces (including the use of arrows on diagrams)
- Speed

Topic 4 - Cells, Tissues, Organs and systems

- Life processes (MRS GREN)
- Microscopes
- Plant and animal cells
- Organs and organ systems (plant and animal)

Topic 5 - Atoms, elements and molecules

- Definitions of - atoms, elements, molecules, mixtures and compounds
- Gases in air
- Metals and non-metals
- Electrolysis of copper chloride experiment

Topic 6 - Electricity

- Conductors and insulators
- Circuit symbols
- Series and parallel circuits
- Plugs and fuses



Year 8 Spanish



Topic 1 - Personal information

- Greetings: Name/age/where you live/how you are feeling
- Numbers 1-31
- Dates and birthday
- Alphabet

Topic 2 - Classroom items and Instructions

- Classroom items
- Classroom instructions
- I have/I don't have

Topic 3 - School subjects

- School subjects
- Opinions and reasons for them
- Describe teachers

Topic 4 - Family and pets

- Family members
- Pets
- Colours and adjectives

Useful website: www.linguascope.com



Year 8 Technology



Topic 1 - Safety in the Workshop

- Welcome to the school workshop
- Signs and warnings in a school workshop
- What to wear in the workshop
- Behaviour in a workshop
- The Design Process

Topic 2 - The Keyfob

- Introduction to plastics
- Marking out, cutting, shaping, joining and finishing plastic (tools, machinery and processes involved)
- Sustainability and recycling
- The Design Process

Topic 3 - The Pull-a-long Toy

- Trees and woods
- Marking out, cutting, shaping, joining and finishing wood (tools, machinery and processes involved)
- The environment