

Year 9 Summer Revision Guide



ENGLISH

These topics should be included in your revision programme. Refer to your notes, your Year 9 English Language booklet and the Student Guide to Literacy.

Punctuation:-

- capital letters,
- comma,
- question and exclamation marks,
- inverted commas and correct punctuation of speech,
- sentences (simple, compound and complex),
- paragraphs,
- apostrophe,
- colon and semi colon.

Grammar:-

- nouns- common, proper, collective and abstract.
- verbs and tenses,
- adjectives,
- adverbs,
- pronouns
- conjunctions.

Shakespeare Text

- plot,
- characters and character interactions,
- central themes,
- key scenes,
- language effects e.g. use of imagery, humour, creation of dramatic tension.

Personal/Descriptive Writing:-

- planning,
- use of appeal to senses,
- imagery e.g. metaphors and simile to create atmosphere,
- creating setting and characters,
- writing an interesting opening and ending.

Drama Self- Evaluation Skills to be familiar with:-

- plot,
- cast and role,
- performance skills e.g. facial expressions, movement, gesture, voice.

FRENCH REVISION

- For your French exam, you will be tested in the skills of Listening (25%), Speaking (25%), Reading (25%) and Writing (25%). The Listening and Speaking Exams will be carried out in class prior to the examination week. The Reading and Writing Exams will be carried out during the examination week.
- For all aspects of the exam, you will need to know **all vocabulary and grammar** covered up to and including page 22 in your vocabulary, grammar and oral notes booklet. You will need to be able to translate vocabulary from **French to English** and from **English to French**.
- You will need to learn all of the year 9 Speaking Questions on pages 29-32 for your Speaking test. You will be asked 10 questions from these.
- Remember that you will also be asked to answer some of your Speaking Questions in the Writing exam so make sure you can spell all of your answers correctly.
- You should be able to tick the final column when you have revised these topics.

| | Unit 8 – I can..... | ✓ |
|-----|---|---|
| 1) | Write and say all the different parts of the verb 'être' | |
| 2) | Write and say all the different parts of the verb 'avoir' | |
| 3) | Use a range of prepositions to describe where something is in relation to something else | |
| 4) | Write and say all the different parts of the verb 'aller' | |
| 5) | Tell the time and arrange to meet someone at a particular time | |
| 6) | Talk about my daily routine | |
| 7) | Form regular verbs in the present tense | |
| 8) | Recognise some reflexive verbs | |
| 9) | Form sentences using reflexive verbs | |
| 10) | Talk about school subjects and say which subjects I do | |
| 11) | Write and say all the different parts of the verb 'faire' | |
| 12) | Say what I think about my school subjects using a range of adjectives | |
| 13) | Use the correct part of 'quel' to ask questions | |
| 14) | Use the possessive pronouns for 'my', 'your', 'his/her', 'our', 'yours', 'theirs' correctly | |

| | Unit 9 – I can..... | ✓ |
|-----|--|---|
| 1) | talk about meals in France and in French families | |
| 2) | list lots of different foods and drinks in French | |
| 3) | talk about breakfast time in France | |
| 4) | use the correct word for some ie du / de la / de l' / des | |
| 5) | write and say all the different parts of the verb 'manger' | |
| 6) | write and say all the different parts of the verb 'prendre' | |
| 7) | write and say all the different parts of the verb 'boire' | |
| 8) | talk about what I do to eat healthily | |
| 9) | use 'ne' and 'pas' to form negative sentences | |
| 10) | say what I like to eat and drink | |
| 11) | have a meal with a French family and know what to say | |
| 12) | say what I am going to do in the future using aller + infinitive | |

Unit 10: I can...

- 1) Use the verb 'faire + de' to talk about sports (usually non ball sports)
- 2) Use the verb 'jouer + de' to talk about musical instruments
- 3) Use the verb 'jouer + à' to talk about sports (usually ball sports/ games)



GEOGRAPHY

RIVERS

- The parts of the Hydrological Cycle
- Features of a river basin
- Features of a river channel
- Landforms of a river
- Processes of erosion, transportation and deposition
- River flooding – causes and impacts of flooding
- Boscastle Flood – date, location, causes, impacts and responses

RECYCLING

- Waste – what it is and how much we produce
- What happens to our waste
- Types of pollution that result from our waste
- Landfill sites – what they are and their disadvantages
- Recycling – what it is/what can be recycled/which bins items go into
- Ways to reduce, reuse and recycle – including Carrier Bag Levy
- What fossil fuels are and some examples
- The Greenhouse Effect – diagram and description
- Global Warming – what it is, what causes it and its impacts

ATLAS SKILLS

- Looking up places using latitude and longitude – degrees and minutes
- Labelling main lines of latitude and longitude and their degrees
- Using an atlas – contents/index pages

WEATHER and CLIMATE*

- Definition of Weather
- Elements of the weather – temperature, precipitation, wind speed, cloud type and cover
- Units of measurement
- Measuring instruments
- Clouds – cloud names/descriptions, formation of clouds
- Definition of Climate
- Climate graphs – drawing and describing

*Some of the content still needs to be covered between now and the examinations.

GERMAN

For your German exam, you will be tested in the skills of **Listening, Speaking, Reading** and **Writing**. The Listening and Speaking Examinations will be carried out in class prior to the examination week. The Reading and Writing Exams will be carried out during the examination week.

For the Speaking Examination, you will need to thoroughly learn the answers to questions from Units 1-3 (questions 1-15 on pages 9-11 of your blue booklet).

For all aspects of the exam, you will need to know all vocabulary and grammar from pages 12-44 (Herzlich Willkommen! and Units 1-3) in your blue vocabulary, grammar and oral notes booklet. You will need to be able to translate vocabulary from German into English and from English into German.

You should use the checklists in your booklet at the end of each unit to ensure you have revised all of the topics for the examination.

HISTORY

Renaissance
Reformation and Martin Luther
Henry VIII and family
Mary Queen of Scots
Spanish Armada
Gunpowder Plot
Ulster Plantation - optional
Slave trade

HOME ECONOMICS

What's on the Menu – Time plans and Reasons for Choice – be able to make a time plan and justify using reasons for choice headings. Remember this includes the Eatwell Guide and 8 Tips from Year 8

You are what you eat – The Big 3... only learn the one you researched, either Anaemia, Coronary Heart Disease or Diabetes. Know what it is, how it is caused, how diet can help and be able to meal plan for someone with the condition

Location, Location, Location – factors when choosing a house

Tools for the Job – comparing types of equipment, features, functions

Killers in the Kitchen – types of microorganism, food spoilage, food poisoning, conditions for growth, reproduction of micro-organisms, temperatures, importance of food safety practices, cross contamination.

ICT

Spreadsheets.

MATHEMATICS

Working with number – negative numbers, squares and roots, HCF and LCM

Geometry

Probability

Percentages

Sequences

Area of 2D shapes and surface area of 3D shapes

Graphs

Algebra – simplifying and expanding brackets

Circles

Simplifying numbers – rounding and standard form

Fractions and Decimals

Interpreting data

Proportion

Simple equations



RS

- The life and ministry of Jesus (background to Jesus' life, Relationships of Jesus, Miracles and parables).
- The Death and Resurrection of Jesus.

SCIENCE

Revision Checklist

Unit 10 – Elements, Mixtures, Compounds and the Periodic Table

- Describe an element, mixture and compound
- Recognise pictures of elements, mixtures and compounds
- Describe the iron and sulphur experiment
- Be able to divide the periodic table into metals and non metals.
- Know the names of group 1, 7 and 0.
- Describe the similarity and differences in the elements in these groups.
- Describe the reaction of group 1 metals with water.

Unit 11 – Earth in Space

- Use the rotation of the Earth to explain day and night / shade region of night on diagram.
- Mark the seasons on a diagram of the Sun and Earth. State the length of day and night for each of the seasons and use the tilt of the Earth to explain it.
- Name the planets in order. Know the smallest, largest, hottest and gaseous planets.
- Know that day length depends on the rotation of the planet and that year length depends on the time the planets to orbit the Sun.
- Know that the planets orbit in elliptical orbits.
- A galaxy is a group thousands of stars. Our galaxy is called the Milky Way.
- Planets ☐ Solar system around a single star ☐ Galaxy ☐ Universe

Unit 12 – Circulation

- What blood contains and the jobs of these parts eg red blood cells contain haemoglobin and carry oxygen.
- The three types of blood vessels and their structure eg arteries – thick muscular walls to pump blood around body.
- Label the heart chambers and the major blood vessels into and out of the heart.
- Describe the path of blood around the circulatory system, know where oxygenated and deoxygenated blood are in the system and describe why it is called a double circulatory system.
- Know factors that increase risk of heart disease and the effect this disease has on the blood vessels.

Unit 13 – Speed

- State units for distance, time and speed.
- Change units for speed, distance and time eg hours to seconds.
- Know and use the equation : speed = distance/time
- Calculate the kinetic energy of a moving object : $KE = \frac{1}{2}mv^2$
- State factors that can increase the chances of an accident when driving eg speed.

Unit 14 – Chemical Reactions

- The difference between chemical reactions and physical changes.
- A basic understanding of chemical equations.
- Oxidation & reduction reactions
 - o What they are.
 - o Examples.
- Combustion Reactions
 - o What combustion reactions are.
 - o The fire triangle
- Thermal decomposition reactions
 - o What thermal decomposition reactions are.
 - o Why they are important.
- Investigation
- Acids & alkalis
 - o What acids & alkalis are.
 - o How to tell if a substance is an acid or an alkali



Unit 15 – Respiration

- Label the respiration system and describe the function of the different parts.
- State the equation for respiration.
- Describe how the alveoli are adapted for gaseous exchange.
- Describe an experiment to measure lung volume.
- Name some triggers for asthma and how asthma affects the lungs.
- State some of the chemicals found in cigarettes and their effects on the body.
- State some of the illnesses/diseases that are caused by smoking.

Unit 16 – Forces

- State some everyday forces, e.g. magnetism, and mark them on diagrams.
- State the five effects of a force.
- Know that forces are measured in newtons.
- Be able to work out the extension of a spring from results.
- Be able to plot a scatter graph and draw a best fit line.
- Know that the mass of an object doesn't change but its weight depends on the gravity of the planet the object is on.
- Know and use the equation $\text{weight (N)} = \text{mass (kg)} \times \text{gravity (N/kg)}$
- Know that friction opposes motion. State some situations when friction is useful and when it is not useful. Describe some ways to reduce friction.
- Know the objects with balanced forces acting on them are at rest or continue at a constant speed. Know the at unbalanced forces cause an object accelerate or decelerate. Apply this knowledge to different situations.

Spanish Revision for Summer Exams

Revise all the work you have covered in your two Spanish Work Booklets in preparation for the Reading, Writing Listening and Oral Exams. You should focus on the following details but do not exclude any other material since learning a language is a building of knowledge process.

1. Greetings
2. Classroom commands and classroom objects
3. Numbers 1-100
4. Dates for birthdays- giving someone's age and months of the year
5. Nationalities, Countries, Languages- know the difference between male and female nationalities
6. All verbs covered, in particular hablar, vivir, tener and ser. Know what they mean and how they are used.
7. Family vocabulary
8. Description of people. (see grammar notes on adjectives)
9. Animals
- 10 Possessive adjectives (my, your, his and her)
- 11 .Look over all the Oral questions you have covered as they will be useful in the written paper as well as in the Oral exam

TECHNOLOGY

Safety Rules

- Be able to recognise hazards in the Technology and Design workshop environment
- Understand the safety rules, importance of signs and other safety instructions
- Be able to identify the key safety signs and interpret their meaning
- Be able to design their own safety sign to highlight a specific workshop safety rule
- Warning, Prohibited, Information, Mandatory & Safe Condition safety rules
- Safety sign colours and shapes

Aroma Fan Casing

- Hardwoods, Softwoods, Manufactured Boards.
- Tools & Machines
 - ✓ Sawing
 - ✓ Planing
 - ✓ Marking Out
 - ✓ Drilling
 - ✓ Adhesives and clamping
 - ✓ Linisher
 - ✓ Marking gauge
- Finishing wood

Aroma Fan Circuit

- Be able to identify the components being used in the aroma fan circuit; Battery, switches, resistors, diode, capacitor, 555 timer, transistor, motor
- Printed Circuit Boards (PCB)
- Be able to identify different types of switches and know how they operate
- Resistors & colour bands
- RC Network
- $T=RxC$ calculation
- SI units
- Soldering

Nodding Dog

- Read & interpret working drawings
- Types on dimensions and symbols
- Isometric & Orthographic drawing
- Hand tools for marking out and cutting wood
- Drilling through holes & blind holes
- Face side & face edge

