



ROYAL SCHOOL ARMAGH

REVISION LIST

KEY STAGE 3

Year 8

JANUARY 2025

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Top Tips for Revision

- Make sure you know which topics you need to revise - make a revision list and a timetable of when you will revise each subject.
- Make your revision active. Don't just read notes. You could make flash cards, mind maps or use post it notes.
- You could stick your mindmaps up on the wall and then walk around your room reciting the key details out loud.
- You could record yourself reading your revision notes and listen back to it regularly.
- Watching videos online can really help to bring your notes alive!
- Use colour and stick to the same colour for different topics
- Test yourself by completing practice questions or asking a friend to test you! This will identify areas of strength and weakness
- Build in rewards for your revision eg: your favourite snack or using social media
- Revise in short bursts: 20 - 25 minutes, then have a 5 minute break

1. ENGLISH

Pupils should learn a list of **language devices** and practise the PEA/TEA structure for tackling comprehensions. Their comprehension will be on an extract from their class novel, 'Holes'.

Pupils will have to be aware of the different 'types' of comprehension questions and should be aware that different types of questions require different strategies.

2. FRENCH

Booklet 1

- Classroom commands pg 9
- Greetings pg 11
- Asking and giving name pg 12
- Asking and saying how you are pg 13
- Alphabet pg 16 and spelling things pg 17
- Numbers 1-31 pg 19 + 22
- Asking and giving age pg 21
- Days / months / dates pg 23
- Birthday pg 25
- Saying where you live pg 29

Booklet 2

- Family members pg 1 and how to give their names and ages pg 2
- All the parts of AVOIR (to have) pg 10
- Stationery pg 10 + 11 (for the negative)
- Animals pg 14
- Nouns - using masculine / feminine / plural with a/the / my / your / his / her pg 24 + 1
- Nouns - plurals pg 25
- Eyes and hair pg 26 + 27 (might not get this far - we'll let you know)

3. GEOGRAPHY

Unit of Study: Map Skills

Required Knowledge and Understanding

- Types of Geography – Physical, Human, Environmental and GIS
- Latitude and Longitude
- OS Map Symbols
- Direction: 8-point compass
- 4 & 6 figure grid references
- Names of places e.g. roads
- Scale and distance
- Height – contour lines and spot heights
- Planning a route from one location to another using an OS Map
- Drawing a map – including a key, north arrow and title

4. HISTORY

What is History? (Romans)

1. Evidence – Primary & Secondary. Written, visual, oral
2. Measuring time in History – overview of different periods of History, centuries and dates (BC & AD), Chronology.
3. Roman Entertainment
4. Causation (Cause, Event, Effect)
5. Why was the Roman army so successful?

The Normans

1. What was England like before 1066?
2. Who should be the next King of England?
3. The Battle of Stamford Bridge
4. The Battle of Hastings
 - Who was best prepared? – weapons and tactics
 - The events of the Battle
 - How did King Harold die? – Bayeux Tapestry
5. Why did William win the Battle of Hasting?

5. HOME ECONOMICS

- Hygiene and Safety rules
- Washing up rules
- Hazards in the kitchen and ways to prevent them from occurring.
- Symptoms of food poisoning
- Equipment and measuring
- The Eatwell Guide
- The 8 tips for eating well
- Breakfast – importance of breakfast in the diet and ways to make breakfast healthy.
- Nutrients – function and sources in the diet

6. ICT

Your test will be based on your notes.

1. Spreadsheets

- Purposes of spreadsheets
- Data Types
- Learn the Key Terms & Definitions
- Cell Ranges
- Charts (Bar Charts)
- Be able to read a chart and answer questions about it
- Be able to draw a chart based on data

Formula and Functions

- SUM
- AVERAGE
- MIN
- MAX
- IF

IF Statements

Bar charts

Data validation

2. Key Terms and Definitions – HTML and CSS and the Happy Birthday worksheet

3. Health and Safety issues when using technology – E.g. RSI

4. Malware and Cybersecurity: Review notes including Key Terms and Definitions (see examples below).

- Phishing
- Data Theft
- Spamming etc.
- Types of Malware
- Hackers / Hacking - What is it? How can you avoid it?
- Passwords
- Viruses

7. MATHEMATICS

Papers: 2 (one calculator and one non-calculator)

Time: 30 minutes each

Equipment: Calculator, pen, pencil, ruler and eraser.

Topics to Revise

Chapter 1 - Whole numbers and decimals

- Multiply and divide by 10, 100 and 1000
- Adding, subtracting multiplying and dividing negative numbers
- Place values in order

Chapter 3 - Expressions and Formula

- Simplify algebraic expressions/collecting like terms
- Expanding brackets
- Setting up and using a formula to find an answer by substituting in numbers for the letters

Chapter 4 - Fractions, Decimals and Percentages

- Convert between fractions, decimals and percentages
- Adding and Subtracting fractions
- Mixed numbers
- Calculate a fraction or percentage of an amount

Chapter 7 - Whole numbers and Calculations

- Round to a given degree of accuracy; nearest 10, 100, units, 1 d.p., 2 d.p. Etc.
- Order of operations – BIDMAS
- Long multiplication and division with whole numbers

Chapter 9 - Transformations and Symmetry

- Reflect a shape
- Rotate a shape around a given point
- Translate a shape
- Lines of symmetry
- Order of rotational symmetry

Chapter 10 - Equations

- Multiply and divide numbers and letters in algebra
- Solve one step equation by adding, subtracting, multiplying and dividing
- Solve two-step equations

Chapter 11 - Factors and Multiples

- Find the factors and multiples of a number
- Find squares and square roots of a number
- Recognise prime numbers
- Find the LCM and HCF of a pair of numbers

Revision Resources and Guidance

Complete the 'My Review' and 'My Practice' exercises in your Textbook on the Chapters covered.

Revision question sheets will be provided by your teacher in the weeks before the exam.

If you have any questions, you should ask your teacher.

8. MUSIC

Beware! You should not only learn what is on this sheet. Rather, you should use it as a guideline for your more detailed revision. The headings should point you back to your music booklet where you would have covered topics in greater detail.

1. Pulse

Know the features of this on Page 7 in your booklet.

2. Score reading

Recognise the purpose of:

- Bars
- Time signatures
- Bar lines
- Double bar lines
- Staff
- Treble clef
- Accent

Images and definitions of these can be found on Pages 7 and 13.

3. Rhythm

Learn **note values** on Page 8 of your booklet as well as the **rests** on Page 11.

You should be able to **apply this knowledge** to be able to **add bar lines** to different time signatures. You should also be able to look at a piece of music and work out what time signature it has.

You should be able to write a 4 beat rhythm for a given phrase. See examples on Page 28.

4. Pitch

You will need to know the notes on the staff. Remember to use your mnemonics that you created on Page 14.

You must also be aware of how to play pitches G, A, and B on recorder found on Page 19.

5. Elements of Music

You must be able to incorporate musical language into your written answers such as:

- Dynamics (Volume)
- Tempo (Speed)
- Pitch (High/Low)
- Rhythm (Long/Short)

You will need to use these when **listening** to pieces of music.

6. Percussion Instruments

Knowledge of the difference between:

- Pitched

- Unpitched

How sound is created on percussion instruments:

- 4 different ways
- Awareness of the difference between hitting and hammering
- Know what a beater is
- Recognise how sound is created on certain instruments. Know at least a couple of examples of each

7. Key Words

Definitions of common vocabulary are found on Page 24.

9. RELIGIOUS STUDIES

(Exam Duration: 45 minutes)

Topics to Revise:

- Creation
- Adam & Eve and the existence of evil
- Abraham
- Isaac, Jacob & Esau
- Joseph
- Moses - birth, 10 plagues, Passover and 10 Commandments.

10. SCIENCE

- Know the lab safety rules
- Know the five main stages of scientific investigation
- Know how to represent information in a bar chart or line graph and get information from this.
- Know how to label a bunsen burner and about the different flames
- Read a thermometer and know typical temperatures
- Draw scientific apparatus correctly
- Explain how to measure volume of solid and liquid
- Explain how to measure mass of solid and liquid
- Know what is meant by a fair test
- Know what variables are and identify these in experiments.
- Use appropriate units for length, area and volume
- Calculate area and volume for regular shapes
- Describe how to find the volume of an irregular solid
- Explain what is meant by a year
- Explain what is meant by day and night
- Explain how the seasons happen on earth
- Recall and name the phases of the moon
- Recall order of planets in our Solar system
- Name and define the signs of life
- Label a microscope
- Know how to view an onion cell under a microscope
- Know how to draw and label a plant cell
- Know how to draw and label an animal cell
- Know the functions of the parts of a cell
- Know some cells are adapted and how they are adapted
- Know the organ systems in the body and the main organs in each