



Royal School, Armagh

KEY STAGE 3

CHRISTMAS REVISION LIST

Year 8

1. ART

Art does not issue a revision list as the students are assessed on the classwork/projects that they have been working on throughout the term.

2. ENGLISH

Focus on prose and narrative techniques

There will be a comprehension from the novel “Holes”. Three questions will be asked. Pupils should focus on how tension is created in a novel. They should also learn a list of language devices and practise the PEE structure for tackling comprehensions.

3. FRENCH

Booklet 1

- Greetings pg 13
- Classroom commands pg 11
- Asking and giving name pg 14
- Asking and saying How you are pg 15
- Alphabet pg 18 and spelling things pg 19
- Numbers 1-31 (pg 21, 24)
- Asking and giving age pg 23
- Days / months / dates pg 25
- Birthday pg 27
- Family members pg 43 & 45.
- Masculine and feminine with family members pg 47 (le/la/les/l'/un/une/des)
- My in French (Mon/ma/mes)
- Persons of a verb pg 51
- The verb Avoir pg 53
- Asking and answering about brothers and sisters pg 55
- Giving names and ages for family members – pg 55 & 60
- Pets – pg 57

Booklet 2

- Irregular verb ‘être’
- Adjectives and making them agree
- Descriptions (size, build, hair & eyes)

4. GEOGRAPHY

Use the checklist below to help you with your revision before the examinations. We suggest you take one topic at a time and make sure you have revised each point thoroughly and can draw any diagrams where necessary.

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

5. 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?

6. 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

7. 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

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

8. MATHEMATICS

Examination structure

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 and subtracting negative numbers
- Multiplying and dividing negative numbers
- Place values in order
- Chapter 2 - Measures, Area and Perimeter
- Calculate the area and perimeter of a triangle, parallelogram and a compound shape.
- Chapter 3 - Expressions and Formula
- Create and Simplify algebraic expressions
- Collecting like terms
- Expanding brackets
- Using a formula to find an answer by substituting in numbers for the letters
- Setting up and using a formula

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 10 - Equations

- Multiply and divide numbers and letters in algebra
- Find the values needed to balance
- Solve an equation by adding or subtracting on both sides
- Solve an equation by multiplying and dividing on both sides
- 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 a numbers

Chapter 14 - Decimal Calculations

- Use written method to multiplying and dividing decimals
- Use written method to add and subtract decimals

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.

9. MUSIC

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.

Pulse

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

Score reading

Recognise the purpose of:

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

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

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.

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.

Elements of Music

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

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

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

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

Key Words

Definitions of common vocabulary are found on Page 24.

10.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.

11.SCIENCE

Introduction to Science

- Know the lab safety rules
- Know the 5 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