

Year 8 Revision List for September 2020

Here are the revision topics for each subject you are studying. You may not have learned them in as much detail as usual over the past few months. However, in September (week 3) there will be an assessment week. Your teacher will see if there are any gaps in your knowledge and then show you how to fill these gaps and/or extend your knowledge. You will find this document along with lots of helpful learning resources and all of the work set since March on our school website: <https://www.stmca.org.uk/key-information/closure-guidance/>

Art

- 1 Colour theory and colour mixing
- 2 Tone and drawing pencils. Recording from observation.
- 3 Control of materials
- 4 Drawing techniques
- 5 Masks from different cultures.

Biology

Ecosystems
Genes
Organisms

Chemistry

Matter
Reactions
Earth

Revise using Educake, the online Science homework. There are lots of self-marking questions you can do to help your revision.

Computing

e-Safety

- using technology safely and responsibly e.g. online privacy, cyberbullying.
- reporting e-safety concerns.
- plagiarism, copyright, intellectual property.

Computer Networks- What is a computer network?

- The Internet
- Searching the World Wide Web

Computer Hardware

- What is a computer?
- Embedded devices
- Input / Output Devices

Creating Digital Graphics

- Interpreting client requirements
- The purpose of mood boards, mind maps, visualisation diagrams.

Productivity Software

- The use and purpose of word processing, presentation, spreadsheet and email software.
- Identifying basic features on the ribbon.
- Using basic features.
- Using formulae (=, *, /, +, -)

English

QA KS3 English Language Paper One

Paper One: Explorations in Creative Reading and Writing

Section A: Reading

One literature fiction text

1. Identifying the most important pieces of information in a story.
2. Selecting quotations as 'evidence' to show your understanding of what you have read.
3. Identifying language techniques used by a writer to create character, setting or develop the plot. Language techniques include: simile, metaphor, onomatopoeia, alliteration, repetition and pathetic fallacy.
4. Exploring the structure of an extract from a story and explaining what happens at the beginning, the middle and the end. Discussing why the writer has chosen to describe events in this order and the effect on the reader.

Section B: Writing

You will have to either describe an image or write a story. You are going to be tested on your ability to:

1. Select vocabulary and language techniques for effect
2. Use clear paragraphs to structure your ideas
3. Apply a range of sentence structures, considering the effects on the reader
4. Use the correct spellings of familiar words, especially of homophones
5. Apply a range of punctuation accurately, including ;!.,”

Revise using BBCBitesize

French

Dynamo Course Unit 3

- Weather in the present tense
- Verbs faire and jouer
- Free time activities
- Cultural topics – Fete de la musique/Bastille Day
- School subjects (from unit 2)

Geography

1. Weather and climate in the UK

- Recording the weather
 - Forecasting the weather
 - Air masses, prevailing winds and ocean currents
 - The water cycle
 - Relief rainfall
 - Microclimates and urban heat islands
 - Case studies – the beast from the east, 2018 summer heatwave, flooding
- ### 2. Skills - Climate atlas maps

History

1. Norman Conquest – Battle of Hastings

2. Crusades

3. English Civil War (lockdown)

Skills focus on **causation**.

Maths

Students can log into hegarty maths and use their account to search for the topic in the list below.

X1 and Y1 (Y7 teacher – Mrs Gilbert and Mr Mohammed)

1. HCF and LCM by listing
2. Symmetry
3. Solving Equations
4. Factorising and Expanding
5. Introduction to Ratio
6. Introduction to Probability (single events)
7. Polygon and Angle Facts
8. Sequences
9. Scatter Graphs
10. Averages

X1 and Y1 (Y7 teacher – Mr Elkin and Mrs Banks)

1. HCF and LCM by listing
2. Symmetry
3. Solving Equations
4. Factorising and Expanding
5. Introduction to Ratio
6. Introduction to Probability (single events)
7. Polygon and Angle Facts
8. Sequences
9. Scatter Graphs
10. Averages

X3/X4 and Y3/Y4 (Y7 teacher – Mrs Anson, Mrs Redmond, Mr Moor and Miss Hughes)

1. Place Value and Rounding
2. Measure
3. 2D Shapes
4. 3D Shapes
5. Angle Facts
6. Area and Perimeter
7. Sequences
8. BIDMAS
9. Reading Scales
10. Averages

Revise using hegarty maths, diagnostic questions and corbett maths. Y10 will have additional resources provided in their last face to face session

Performing Arts

Singing and vocal skills
Instruments of the orchestra
The elements of music
Graphic and staff Notation
Duration and rhythm
Keyboard skills and layout

Use BBC Bitesize to revise Music KS2 and 3

Physics

Light
Sound
Electricity
Forces and magnets
Earth and Space

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Religious Education

See RE Revision Checklist and Summer Project for further details.

Knowing and Loving God (including 'Who is God?' and 'Jesus and the Mass')
Loving Thy Neighbour
Creation
The Sacraments

Technology

1. Woods- properties
2. Health and Safety
3. Workshop tools/equipment
4. Computer Aided Design
5. Target Markets
6. Analysing products
7. Knowledge organiser.
8. Kantha
9. Running stitch
10. Reusable bags.
11. Nutrients
12. Eatwell guide
13. Safety & hygiene in food lessons