



**Heathcote School
and Science College**

Home of Pearson National Award Winning Teachers

Year 8

**Challenge Week 1:
18/10/2021 - 22/10/2021**

- ◇ **Which subjects will be examined?**
- ◇ **How long will each examination be?**
- ◇ **How should I prepare for these examinations?**

Challenge Week 1 Exams

18/10/21- 22/10/21

All pupils in Year 8 will be examined in the following subject areas during Challenge Week 1:

- English
- Mathematics
- Science
- Geography
- History
- Art
- ICT
- PIE
- DT
- Modern Foreign Languages (MFL)
- PE

This booklet outlines the length and focus of each examination in Challenge Week 1 (October) so that you know what to expect in each subject and so that you can prepare yourself.

- ◇ Examinations will be held in normal lesson time when you are timetabled for the subject and will be in your usual classroom.
- ◇ When the examination is going to begin the teacher will explain that the class are to remain in 'examination conditions' this means you are to remain in absolute silence and listen carefully to instructions. Do not interrupt instructions - wait until the teacher asks if there are any questions then raise your hand. Failure to adhere to the conditions of the examination may result in disqualification.

- ◇ **Equipment** - Pupils should ensure that they bring the correct exam equipment every day. This includes pens (x2), a sharp pencil, ruler, rubber and a calculator in a clear transparent pencil case. Equipment (including calculator) can be purchased from H123 in advance of Challenge Week for a fee of £15.50. If you need financial support regarding the purchase of examination equipment, please contact the Examinations Officer Mr. Uddin.

- ◇ All phones, smart watches and devices/web enabled sources of information are prohibited during tests and exams and are also banned items in school.

- ◇ Possession of any unauthorised material will lead to disqualification and zero marks for your paper.

- ◇ Pupils will place their bag under their desk when they enter the exam venue and coats will be placed on the back of chairs.

- ◇ This revision booklet **does not** replace Knowledge Organisers – pupils are to use their Knowledge Organisers for revision in addition to the suggested revision tools highlighted in this booklet.

1. English

Number of examinations: 1

Length of examination: 1 hour

This examination will assess pupils' knowledge and understanding of:

- ◇ This will be an essay question using an extract from the text: 'Refugee Boy' by Benjamin Zephaniah

Pupils should prepare for this by:

- ◇ Pupils can practice exploring and analyzing quotations from the text 'Refugee Boy'
- ◇ Pupils can revise language techniques such as: similes, metaphors, emotive language, hyperbole etc.
- ◇ Pupils can revise how to structure a developed paragraph in an essay.

2. Mathematics

Number of examinations: 1

Length of examination: 40 minutes

This examination will assess pupils' knowledge and understanding of:

Foundation

- ◇ 1a. Calculations
- ◇ 1b. Calculating with negative integers
- ◇ 1c. Powers and roots
- ◇ 1d. Powers, roots and brackets
- ◇ 1e. Multiples and factors

Higher

- ◇ 1a. Prime factor decomposition
- ◇ 1b. Laws of indices
- ◇ 1c. Powers of 10
- ◇ 1d. Calculating and estimating

Pupils should prepare for this by:

- ◇ Using the topic list to find the Mathswatch clip number that corresponds to the unit.

3. Science

Number of examinations: 1

Length of examination: 30 minutes

This examination will assess pupils' science skills:

- ◇ Making fair comparisons and considering bias, calculating surface area (Unit 8A)
- ◇ Considering accuracy and making estimates, structuring paragraphs (Unit 8B)
- ◇ Considering fair testing, applying fire safety (Unit 8E)
- ◇ Calculating density and presenting information (Unit 8I)

This examination will cover the following science content:

- ◇ Dr Barard's and Ms Le's class: Unit 8A – Food and nutrition
- ◇ Ms Ahmed's class: Unit 8B – Plants and their reproduction
- ◇ Ms Kerr's class: Unit 8E - Combustion
- ◇ Mr Karim and Ms Hansi's class: 8I - Fluids
- ◇ Ms Mahmood's class: 8A – Food and nutrition
- ◇ Ms Hodges' class: 8B – Plants and their reproduction

Pupils should prepare for this by:

- ◇ Recording/revising using their pre-reading materials and Knowledge Organisers.
- ◇ Using their exercise books to recap facts and skills.
- ◇ Using the revision tasks and exercises in the online links in the pre-reading materials for each unit.

4. Geography

Number of examinations: 1

Length of examination: 50 minutes

Format

- ◇ Section A: Physical Processes (9 marks)
- ◇ Section B: Coastal Landforms (15 marks)
- ◇ Section C: Coastal Defenses (10 marks)
- ◇ Section D: Case Study- Holderness Coast (16 marks)

Each section will have short answer knowledge-based and extended answer questions.

Timing

50 minutes (10 minutes for Section A, 10 minutes for Section B, 5 minutes for Section C, and 20 minutes for Section D plus 5 minutes checking time)

This examination will assess pupils' understanding of: *Coasts (50 marks):*

- ◇ What is a coastline?
- ◇ How does a wave form?
- ◇ What are the characteristics of constructive waves?
- ◇ What are the characteristics of destructive waves?
- ◇ What are physical processes (erosion, transportation and deposition)?
- ◇ What are the four types of erosion?
- ◇ What is longshore drift?
- ◇ What are landforms created by erosion? How are they formed?
- ◇ What are landforms created by deposition? How are they formed?
- ◇ What are advantages and disadvantages of living along the coastline?
- ◇ What are types of hard engineering? How do they protect the coast?
- ◇ What are types of soft engineering? How do they protect the coast?

5. History

Number of examinations: 1

Length of examination: 1 hour

Format

Question 1: 12 mark GCSE exam style question

Question 2: 8 mark GCSE exam style question (sources)

Timing

30 minutes on question 1

30 minutes on question 2

History: *Tudors and the French Revolution*

Question 1: The Tudors

- ◇ To understand why the religion of England changed during the Tudor time
- ◇ Understand what the Reformation is
- ◇ Understand the differences between the Catholic and Protestant faith
- ◇ Understand some of the changes made by 3 out of 4 of the following Monarchs.

Henry VIII

Edward VI

Mary I

Elizabeth I

Question 2: The French Revolution

- ◇ What is the Enlightenment
- ◇ What is the 1st, 2nd and 3rd estate
- ◇ Understand the problems that the 3rd estate faced such as food shortages

6. Art

Number of examinations: 1

Length of examination: 1 hour

This examination will assess pupils' knowledge and understanding of:

- ◇ Observational drawing
- ◇ Creating tone and texture using mark making: hatching, cross-hatching, scumbling, stippling and blending

Pupils should prepare for this by:

- ◇ Practice drawing ceramic objects from observation using a range of mark making techniques (hatching, cross-hatching, scumbling, stippling and blending) to create tone and texture

7. ICT

Number of examinations: 1

Length of examination: 40 minutes

This examination will assess pupils' knowledge and understanding of:

- ◇ Computer Crime and Cyber Security
- ◇ Email Scams
- ◇ Computer mis-use
- ◇ Protecting personal data
- ◇ Copyright
- ◇ Health and Safety

Pupils should prepare for this by:

- ◇ To review and revise the information in your Knowledge Organiser.
- ◇ To look at all the lessons on Google classroom.
- ◇ To review homework booklet and work booklet for work complete so far.
- ◇ Pupils can also use this link to revise = <https://www.bbc.co.uk/bitesize/guides/z9nk87h/revision/1>

8. PIE

Number of examinations: 1

Length of examination: 40 minutes

This examination will assess pupils' knowledge and understanding of:

Keeping Safe unit looking at topics around being healthy and safe – anti smoking, drugs, alcohol, peer pressure, physical and mental health and vaping

Format:

Pupils will have:

8 x 1 mark short questions

4 x 2 mark questions

1 x 4 marker question

...followed by a reflection task where they will share their views and opinions.

Totaling in 20 marks

9. DT

Number of examinations: 1

Length of examination: 50 minutes

This examination will assess pupils' knowledge and understanding

- ◇ Understanding that advertising acceptance means nothing
- ◇ Endorsement of idea is the key to presentational success
- ◇ Rules for written work apply to design communication
- ◇ Succinct messages carry most impact
- ◇ Good communication requires unique feature
- ◇ The design has not been seen before and may never be seen again

Pupils should prepare for this by:

- ◇ Researching the work of the Fair Trade group
- ◇ Know how the FSC promote themselves
- ◇ Understand various signs used to represent recycling
- ◇ Learn about the work of the Partnership for Sustainable Textiles
- ◇ Find out what WRAP means with regards to sustainable living

10. Modern Foreign Languages

Number of examinations: 1

Length of examination: 50 minutes

This examination will assess pupils' knowledge and understanding of:

- ◇ Pupils will be tested on the school topic: School subjects / likes and dislikes, the time and school facilities
- ◇ They will need to show they can write accurately in the language and translate into English

Pupils should prepare for this by:

Reviewing class work and referring to their Knowledge Organisers.

11. PE

Number of examinations: 1

Length of examination: 30 minutes (theory exam)

This examination will assess pupils' knowledge and understanding of:

- ◇ The purpose and importance of a warm up and cool down and the effect they have on performance and the human body.
- ◇ Phases of a warm-up and their significance in preparing for physical activity.
- ◇ Types of activities included in a warm up and why.

- ◇ Understand the different muscles types; voluntary and involuntary.
- ◇ Location and role of specific muscles relating to sport and physical activity; gastrocnemius, tricep, bicep, quadriceps, hamstrings, deltoids.

- ◇ Functions of the skeleton; protection, muscle attachment, movement etc.
- ◇ Identify bone classification; long, short, flat, irregular.
- ◇ Identify key bones; clavicle, radius, ulna, tibia, fibula, humerus, femur etc.

Pupils should prepare for this by:

Review of the theoretical content covered in the previous academic year.

