



**Heathcote School  
and Science College**

Home of Pearson National Award Winning Teachers

# **Year 7**

**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 7 will be examined in the following subject areas during Challenge Week 1:

- English
- Mathematics
- Science
- Geography
- History
- Art
- Drama
- Music
- ICT
- PIE
- D&T
- 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 can be purchased from H123 in advance of Challenge Week for a fee of £15.50 (including calculator). 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:**

- ◇ Writing to interest the reader with imaginative vocabulary
- ◇ Using a variety of punctuation and sentence structure accurately

**Pupils should prepare for this by:**

- ◇ Writing imaginative and engaging short diary entries; focusing on grammar skills including sentence structures, punctuation and story writing skills.
- ◇ Use BBC Bitesize and other online platforms to revise punctuation, spelling and grammar.

## 2. Mathematics

**Number of examinations:** 1

**Length of examination:** 40 minutes

**This examination will assess pupils' knowledge and understanding of:**

### 2b. **Addition and subtraction**

- Round whole numbers to the nearest 10, 100, 1000.
- Check answers using estimation.
- Add and subtract whole numbers using written methods.

### 2c/d. **Multiplication and division**

- Multiply whole numbers using a written method.
- Divide whole numbers using a written method.
- Check answers using inverse operations.

### 2f. **Negative numbers**

- Order positive and negative numbers.
- Add and subtract positive and negative numbers.
- Begin to multiply with negative numbers.

### 2g. **Factors, multiples and primes**

- Identifying and understanding factors, multiples and prime numbers.

### 2h. **Square and triangle numbers**

- Recognize and use square numbers, square roots and triangle numbers.

**Pupils should prepare for this by:**

- ◇ Using the topic list and 'Mathswatch Clip Number' to go over the topics covered in class.

### 3. Science

**Number of examinations: 1**

**Length of examination: 30 minutes**

**This examination will assess pupils' science skills:**

- ◇ Conventions in writing and using microscopes (Unit 7A)
- ◇ Writing a method and safety when heating (Unit 7E)
- ◇ Fair comparisons and ratios, summarising ideas (Unit 7I)

**This examination will cover the following science content:**

Forms 7.1 and 7.4: Unit 7A – Cells, tissues and organ systems

Forms 7.2 and 7.5: Unit 7E – Mixtures and separation

Forms 7.3 and 7.6: Unit 7I - Energy

**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: Types of Geography (9 marks)

Section B: Compass Directions (9 marks)

Section C: Map Symbols (9 marks)

Section D: Grid References (8 marks)

Section E: Place Knowledge (26 marks)

Each section will have short answer knowledge-based questions.

### **Timing**

50 minutes (5 minutes for Section A-D, and 25 minutes for Section E plus 5 minutes checking time)

**This examination will assess pupils' understanding of:**

*Geographical Skills (61 marks):*

- ◇ What is geography?
- ◇ What are the three types of geography? (Human, physical and environmental)
- ◇ How do you use questions to describe location? (The 5Ws)
- ◇ Where are countries and continents around the world?
- ◇ What are the points of a compass?
- ◇ What countries are part of the United Kingdom and what are their capital cities?
- ◇ What are OS map symbols? Can you identify the symbols?
- ◇ Can you give a four and six figure grid reference?
- ◇ What is latitude and longitude?
- ◇ What are major lines of latitude and longitude around the world?
- ◇ Can you locate places around the world using latitude and longitude coordinates?

## 5. History

**Number of examinations:** 1

**Length of examination:** 1 hour

### Format

4 mark GCSE style exam question

**12 mark GCSE style exam question**

### Timing

- ◇ 10 minutes on question 1
- ◇ 40 minutes on question 2
- ◇ 10 minutes checking time

**History:** *Medicine through time*

Question 1: The theory of the 4 humors

Question 2: Why has understanding changed through time

See below examples of where pupils can focus their revision, there are other examples in their exercise books.

The changing religious beliefs and their impact on medicine during:

- ◇ Egyptians, people in the middle ages and Industrial period and beyond

The lack of and then development of science and technology during:

- ◇ Romans, Middle ages, industrial period and beyond e.g. vaccinations

The importance of key individuals in developing/hindering the development of medicine

- ◇ Greeks – Hippocrates
- ◇ Romans – Galen
- ◇ Industrial period – Edward Jenner



## 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 natural objects from observation using a range of mark making techniques (hatching, cross-hatching, scumbling, stippling and blending) to create tone and texture.

## 7. Drama

**Number of examinations: 1**

**Length of examination: 30 minutes**

**This examination will assess pupils' knowledge and understanding of:**

- ◇ The key words and definitions used in drama
- ◇ How these key terms can be used in performance

**Pupils should prepare for this by:**

- ◇ Revising the key terms in the drama Knowledge Organiser
- ◇ Using the YouTube to see how actors use techniques when performing.
- ◇ Use of BBC bitesize to revise the key words spelling and use.
- ◇ Using google classroom to aid revision.

## 8. Music

**Number of examinations: 1**

**Length of examination: 1 hour**

**This examination will assess pupils' knowledge and understanding of:**

- ◇ Treble and Bass clef notation, Time signatures and note values

**Pupils should prepare for this by:**

- ◇ Revising the key terms in the music Knowledge Organiser
- ◇ Use the internet, including YouTube, to research note values, time signatures and reading treble and bass clef notation.
- ◇ Use BBC Bitesize and other online platforms to revise punctuation, spelling and grammar.

## 9. ICT

**Number of examinations: 1**

**Length of examination: 40 minutes**

**This examination will assess pupils' knowledge and understanding of:**

- ◇ Computer Safety
- ◇ File management
- ◇ Social Networking
- ◇ Keeping your data safe
- ◇ Using emails

**Pupils should prepare for this by:**

- ◇ To review your Knowledge Organiser.
- ◇ To look at all the lessons on Google Classroom.
- ◇ To review and revise your homework booklet and work booklet (work completed so far).
- ◇ Pupils can also use this link to revise =  
<https://www.bbc.co.uk/bitesize/topics/z67ncdm>

## 10. PIE

**Number of examinations: 1**

**Length of examination: 40 minutes**

**This examination will assess pupils' knowledge and understanding of:**

- ◇ Transition
- ◇ Friendship
- ◇ Anti-bullying

**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

## 11. D&T

**Number of examinations: 1**

**Length of examination: 50 minutes**

**This examination will assess pupils' knowledge and understanding of:**

- ◇ Defining the purpose of a presentation
- ◇ Providing clear communication or instruction
- ◇ Engage the target audience
- ◇ Sell your work or message
- ◇ Make messages clear and decisive
- ◇ Learn how to title your work for impact
- ◇ Broad audience comprehension

**Pupils should prepare for this by:**

- ◇ Researching images relating to personal protective equipment
- ◇ Looking-out for signage in community spaces
- ◇ Practicing design communication techniques
- ◇ Appreciating the use of colour in design
- ◇ Finding out more about the conventions of safety signage

## 12. 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 functional vocabulary – dates, months, birthdays, numbers -20, greetings and simple conversations
- ◇ 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

### 13. 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

**Pupils should prepare for this by:**

Reviewing class work and referring to their Knowledge Organisers