

**HELSEBY**

**High School**



Achieving Success  
Valuing Others

**2022**

**Year 9**

**Quick Guide**

**Summer Exam**

**Preparation**

## **English**

### Reading Assessment – Assessment 1

Students will read two short non-fiction texts which are linked via theme. They will then answer questions based upon the texts. The questions will test the students understanding of the text (retrieval, comprehension and inference) and their ability to analyse and comment on the effect of the writer's methods and make comparisons between the texts. The students will be expected to give a detailed response to the comparison question and support their ideas with evidence from the text.

Students will be prepared for their assessments in lessons.

### Writing Assessment - Assessment 2

The students will complete a transactional writing task. They are advised to spend 10 minutes planning before writing their response. A transactional piece is essentially a non-fiction style piece of writing and students will be asked to write in the format of a speech, article or letter. Students are also advised to leave time to check their work for errors.

The writing task is linked thematically to the extracts the students have to read.

Students spelling, punctuation and grammar skills will be assessed through the writing task.

Students will be prepared for their assessments in lessons. They should revise the letter, article and speech writing formats.

## **Expressive Arts**

### Art

Students will show their work to date to be assessed by their class teacher. They will undertake key tasks to assess the skills they have developed so far.

Use sketch books and assessment feedback to date to help you prepare for this assessment.

### Music

Students will answer key questions and complete key tasks to uncover the knowledge retained from all projects this year. Questions will be listening and written questions.

Use your Music books and KS3 bbc bite size <https://www.bbc.co.uk/bitesize/subjects/zmsvr82> to help with revision.

### Drama

Students will create an original performance based on a given stimulus and write 3 questions about the effect of the performance on the audience. This will be assessing the skills you have developed so far and students need to include their learning in their performance.

Use drama books to help remember all your learning. Use your assessment sheets to help focus you on what good drama should be like. Use bbc bite size Drama to help <https://www.bbc.co.uk/bitesize/guides/zn4xwty/revision/1>

## **Computer Science**

For Computer Science, Year 9 will be provided with a revision booklet via Show My Homework

## **Geography**

'Landscapes of the UK'.

Knowledge organisers will be provided by class teachers and added to show-my-homework.

## **History**

Students will be given key terms to learn from the whole of year 9.

Students will answer longer questions and source questions on the Social Change since 1945 topic. Students will use their class work booklet for revision.

## **Maths**

Higher

Foundation

1 Number	1 Number
2 Algebra	2 Algebra
3 Interpreting and representing data	3 Graphs, tables and charts
4 Fractions, ratio and proportion	4 Fractions and percentages
5 Angles and trigonometry	5 Equations, inequalities and sequences
6 Graphs	6 Angles
7 Area and volume	7 Averages and range
	8 Perimeter, area and volume 1

## **MFL**

French

**Reading exam** – You will have a series of short texts in French to read. Each text will be followed by some questions in English or multi-choice boxes to tick, to show what you have understood. These are the kind of tasks that we regularly do together in lessons.

**Writing exam** – you will have a few sentences to write based on all the topics we have studied this year (Family & friends, sport, TV & film, technology, food & celebrations). You will then have the chance to write in more detail on the topic of MY FREETIME (what you do at the weekend – sport, technology or film etc. - where, who with and why etc.)

**How to prepare –**

- Look over the knowledge organisers that you have for each of the topics - Family & friends, sport, TV & film, technology, food & celebrations.
- Practise reading and listening to these topics online – on Linguascope or Active Learn
- Practise writing some sentences about your freetime activities. Remember what you need to include to reach the next level eg frequency words, opinions and reasons, negatives, different subjects, two verbs together (j'aime faire...), the future tense (je vais visiter...), the perfect tense (je suis allé..) & the imperfect tense (Quand j'étais jeune, j'aimais...)
- Please ask your teacher if you can't find any of your knowledge organisers or if you have forgotten your passwords.

## German

**Reading exam** – You will have a series of short texts in German to read. Each text will be followed by some questions in English or multi-choice boxes to tick, to show what you have understood. These are the kind of tasks that we regularly do together in lessons.

**Writing exam** – you will have a few sentences to write based on all the topics we have studied this year (School, free time including sport, TV, film, reading, and technology, and family and friends). You will then have the chance to write in more detail on the topic of MY FREETIME (what you do at the weekend – sport, technology or film etc. - where, who with and why etc.)

### **How to prepare –**

- Look over the knowledge organisers that you have for each of the topics - School, free time (sport, TV, film, reading, and technology), and family and friends
- Practise reading and listening to these topics online – on Linguascope or Active Learn
- Practise writing some sentences about your free time activities. Remember what you need to include to reach the next level eg frequency words, opinions and reasons, negatives, different subjects, the future tense (Ich werde ... + infinitive), the perfect tense (Ich bin ... gegangen. / Ich habe ... gemacht. / Ich habe ... gespielt.) & the imperfect tense (Es war.../Ich hatte.../Ich musste...)
- Please ask your teacher if you can't find your knowledge organisers or if you have forgotten your passwords.

## **Religious Education**

- Philosophy & Ethics
- Prejudice and Discrimination

Revision sheets will be handed out in class and put on SMHW

## **Science**

### Biology

Cells  
Microscopes  
Stem cells  
Mitosis  
Diffusion  
Blood and blood vessels  
Heart  
Digestion (and food tests)  
Gas exchange (Lungs)  
Enzymes  
Respiration  
Effects of exercise  
General How Science Works skills. (graphs, tables, calculations etc.)

Resources including links to Oaks Academy and BBC Bitesize will be placed on SMHW.

### Chemistry

C1 Atomic Structure, The Periodic Table, Groups in the Periodic Table.  
C4 Chemical Changes, Reactions of Metals, Reactions of Acids.

All revision resources will be on SMHK, including links to My GCSE Science, BBC Bitesize, Keoodle, Oak Academy.

## Physics

### P4 Electric circuits

1. P4.1 Electrical charges and fields (*static electricity*) (HT)
2. P4.2 Current and charge
3. P4.3 Potential difference and resistance
4. P4.4 Component characteristics
5. P4.4 Component characteristics continued
6. P4.5 Series circuits
7. P4.6 Parallel circuits

### P5 Electricity in the home (7 lessons)

1. P5.1 Alternating current
2. P5.2 Cables and plugs
3. P5.3 Electrical power and potential difference
4. P5.4 Electrical currents and energy transfer
5. P5.5 Appliances and efficiency

### P7 Radioactivity (7 lessons)

1. P7.1 Atoms and radiation
2. P7.2 The discovery of the nucleus
3. P7.3 Changes in the nucleus
4. P7.4 More about alpha, beta, and gamma radiation
5. P7.5 Activity and half-life

### P12 Wave properties (6 lessons)

1. P12.1 The nature of waves
2. P12.2 The properties of waves
3. P12.3 Reflection and refraction
4. P12.4 More about waves

### P13 Electromagnetic waves (7 lessons)

1. P13.1 The electromagnetic spectrum

All revision resources to be provided on SMH.

Revision resources to include:

- List of equations to remember
- Knowledge Organisers
- Past Paper Questions and Answers
- Revision Websites

## **Technology**

### Food Studies

- How to prepare and cook the dishes made this academic year
- MACRO and MICRO nutrients: Protein; fat; carbohydrate; calcium, iron; Vitamin A; Vitamin C (functions of each in the body, good sources of each and effects of a lack of excess)
- Energy & energy balance
- Comparing energy from sugars and starches
- Different cereal crops and their uses
- Primary processing of wheat – milling into flour
- Breadmaking – process, terminology and functions of each ingredient
- Breads from around the world and their origins
- Foods from Around the world: why we are eating more multi-cultural foods; different cuisines; traditional dishes and their origins
- Current food issues: Food waste; food miles; carbon footprint; sustainability; genetic modification
- Nutritional needs of young children & teenagers

### Resources

- Class booklet
- British Nutrition Foundation's 'Food a Fact of Life' website: <https://www.foodafactoflife.org.uk/11-14-years/>