

Year 8

**End of Year
Assessment
Countdown
Booklet
2024**

Head of Year
Mrs Nolan

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Irlam and Cadishead Academy

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A Message from Ms Milner

Dear Student,

Year 8 End of Year Assessments

This booklet has been put together to help you prepare fully for your Y8 End of Year Assessments which are taking place from the 17th June - 28th June. As you can see from the timetable included you will have a mixture of assessments – some will be in the exam hall (English and Maths) and others in classrooms. Your French, Music, Drama, Art and Technology assessments will happen in your normal lessons during this time.

As you know, at ICA we have the highest academic expectations of all students, and this should be reflected daily through good learning habits in every lesson – working hard with determination to succeed. We hope these assessments will be a good opportunity for you to demonstrate how much you have learnt so far. Your teachers will use your results to see whether you are working towards your full potential and to identify areas where you may need support to do so.

It is important to get into good habits for revising as soon as possible. Use the timetable and subject information included here to form a revision timetable which will help you to ensure you have looked over all the relevant information before your exam. If you are not sure about any of the topics or content listed then please speak to your teacher and ask for more guidance. They will be happy to help!

When revising try to use a variety of strategies and formats to help you. This could include making mindmaps, writing out key term definitions (and testing yourself!), doing practice questions on Pearson Online, Seneca or Sparx, making flashcards with key facts, watching Youtube videos and much more. When used together they will ensure you are fully prepared for your assessments. Don't forget to also use your knowledge organisers. Have a look for more tips on BBC Bitesize by following this link [Top revision techniques for exams - BBC Bitesize](#)

Remember, the effort that you put in will be reflected in your achievements. In the long-term working hard now will put you in an excellent position for the future. We are all here to support you to achieve your full potential and if you need any additional guidance or have any concerns please speak to your subject teacher, form tutor or Head of Year.

All the best,



Miss Milner

Assistant Principal

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Top Revision Tips

- **HABIT** - Get into the habit of working in a regular routine, e.g.. revising for 15 minutes every night at 6PM.
- **PLAN**
 1. Plan your weekly revision, homework and leisure time on the timetables provided.
 2. Make sure you can realistically keep to the schedule that you have planned
- **PLACE**
 1. Make sure that you work in the best possible environment:
 2. The room should be well lit to reduce eye strain. Try using your local library.
 3. Quiet with few distractions – no TV or Phones. Sit on a chair at a table or desk rather than lounging on your bed or so close to a window that you might get distracted.
 4. Break each subject down into manageable chunks so that you can revise over a topic once or twice in about 20 to 30 minutes. If you come across topics that you really don't understand, make a note of them and ask the subject teacher for help
- **THINK**
 - ·Use the revision materials your teachers have provided. They have chosen them for a very good reason.
 - ·You are way more likely to remember information that you have to think hard about. Therefore, retrieval practise (quizzing) is the best form of revision. You want it to be hard on the brain.
 - ·Try to test your friends/family and get them to test you. Come back to any questions you got wrong and keep trying until you get them right.
 - ·Space out and interleave your study – this means study 15 minutes on one topic before moving onto another. These can be from different subjects too.
 - ·Saying things out loud can help you to learn and can improve your use of appropriate vocabulary.
- **HONESTY** - Always be honest with yourself. Teachers can help you but they cannot do the work for you.
- **PERSEVERE** - Don't give up: it really is not a long time and it will be worth it! Good luck!

English

Reading Exam - 1hr with a maximum of 36 marks

In this section of the paper you will answer a question on a dystopian extract. You will be expected to discuss moments/evidence/quotations you can recall from the extract your question is about.

Reading procedural knowledge you will be tested on

- Your ability to read questions carefully and maintain a focus on the question.
- Your ability to present an idea/ideas about the text and give reasons/evidence for the idea(s) which form a developed and coherent response.
- Your ability to select a range of relevant evidence/references from different parts of the text to support ideas, integrated into the response and linked together.
- Your ability to identify methods used by a writer such as symbolism, simile, metaphor.
- Your ability to provide a detailed explanation of the impact of the writer's method(s), making links between different parts of the texts.
- Your ability to zoom in on words and phrases that help answer the question and show a clear understanding of your knowledge.
- Your ability to infer meaning and provide connotations.
- Your ability to use a range of appropriate subject terminology/vocabulary specific to the genre/text type and specifically refers to the writer's intent.

English

Writing Exam - 1hr with a maximum of 36 marks

You will do a piece of creative writing and be tested on the procedural knowledge below.

Writing procedural knowledge you will be tested on

- Your ability to craft sentences carefully.
- Your ability to write in a clear, cohesive way.
- Your ability to use varied vocabulary and the accurate spelling of words.
- Your ability to punctuate for effect and with accuracy.
- Your ability to engage your reader.
- Your ability to use creative writing methods such as simile, metaphor, personification and pathetic fallacy
- Your ability to develop a piece of writing.
- Your ability to use paragraphs which are shaped for effect.

Maths

Paper 1 (Non-calculator) 1hr 60 marks

Paper 2 (Calculator) 1hr 60 marks

Topic		Sparx Codes
Powers and Roots	Use integer powers and associated real roots (square, cube and higher), recognise powers of 2, 3, 4, 5 and distinguish between exact representations of roots and their decimal approximations	M135, M608
Prime Factorisation	Use the concepts and vocabulary of prime numbers, factors (or divisors), common factors, prime factorisation, including using product notation and the unique factorisation property (HCF and LCM with large numbers taught in 9.04)	M322, M823, M108, M365, M227, M698
Rounding	Round numbers and measures to an appropriate degree of accuracy [for example, to a number of decimal places or significant figures]	M111, M431, M994, M131, M878
Fractions	Multiply and divide fractions and mixed numbers	M939, M410, M671, M601, M835, M931, M157, M197, M110, M265
Solving Equations 1	Use algebraic methods to solve linear equations in one variable (including all forms that require rearrangement). Model situations or procedures by translating them into algebraic expressions or formulae and by using graphs	M707, M509, M387, M554, M813, M795, M531, M957
Coordinates and basic graphs	Coordinates and developing algebraic relationships	M618, M622, M797
Units of measurement	Use standard units of mass, length, time, money, and other measures, including with decimal quantities	M892, M627, M515, M772, M530, M761, M728

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Maths

Topic		Sparx Codes
Angles in parallel lines	Understand and use the relationship between parallel lines and alternate and corresponding angles	M818, M163, M606, M351, M679, M393
Circumference	Calculate and solve problems involving perimeters of 2-D shapes (including circles) and composite shapes	M595, M169
Direct Proportion	Understand that a multiplicative relationship between two quantities can be expressed as a ratio or a fraction	M478, M681
Fractions, decimals, and percentages	Fractions, decimals, and percentages	M267, M958, M264, M553
Percentage Calculations	Solve problems involving percentage change (calc and non calc), including: percentage increase, decrease, original value problems and simple interest in financial mathematics. Using multipliers. Writing numbers as percentages of other numbers.	M235
Ratio 1	Divide a given quantity into two parts in a given part:part or part:whole ratio; express the division of a quantity into two parts as a ratio	M885, M543, M267, U921, M801, M525
Area of circles and trapezia	Derive and apply formulae to calculate and solve problems involving area of circles (including part circles) and trapezia	M705, M231, M430, M303, M269, M996
Statistics 1 (presenting and interpreting data)	Construct and interpret appropriate tables, charts, and diagrams, including frequency tables, bar charts, pie charts, vertical line (or bar) charts and stem and leaf for ungrouped and grouped numerical data	M945, M460, M738, M140, M183, M574, M165, M648, M210
Averages and Spread	Describe, interpret and compare observed distributions of a single variable through appropriate measures of central tendency (mean, mode, median) and spread (range, consideration of outliers).	M940, M934, M328, M841, M440

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Maths

Questions for my teacher and topics I would like to revise more

Science

Exam format 3 x 40 minute exam covering all topics below

Calculators and periodic tables provided

Biology

Cells, tissues and organs

- The microscope
- Prokaryotic and eukaryotic cells
- Specialised cells
- Digestive system
- Respiratory system

Reproduction and variation

- Sexual reproduction
- Fertilisation
- Birth and development
- Menstrual cycle
- Reproduction in plants
- Variation

Ecological relationships and classification

- Food webs
- Classification
- Adaptations
- Natural selection
- Evolution and extinction
- Biodiversity

Digestion and nutrition

- Diet
- Food tests
- Digestion
- Effect of temperature on enzymes

Chemistry

Particles

- Particle model
- Diffusion
- Changes of state
- Gas pressure
- Mixtures
- Distillation
- Chromatography

Chemical reactions

- Chemical change
- Oxidation reactions
- Acids and alkalis
- Metals and acids

The periodic table

- Elements, compounds, and mixtures
- Atomic model
- Conservation of mass
- Group 1 and group 7

Materials and the Earth

- Structure of the Earth
- Igneous, sedimentary and metamorphic rocks
- Fossils and fossil fuels
- Atmosphere changes
- Greenhouse gases
- Ceramics, polymers and composites

Physics

Energy

- Energy stores
- Efficiency
- Conduction and convection
- Insulation
- Power and energy
- Cost of electricity
- Renewable and non-renewable energy resources

Forces and motion

- Forces
- Balanced and unbalanced forces
- Calculating weight
- Pressure
- Speed
- Friction
- Distance-time graphs

Light and space

- Light waves
- Reflection and refraction
- Vision
- Colours and filters
- The solar system, stars, and the universe

Electricity and magnetism

- Series and parallel circuits
- Current, potential difference and voltage
- Ohm's law
- Resistance of a wire
- Insulators and static electricity
- Magnetic fields
- Electromagnetism

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Geography

1 x 60 minute exam 56 marks

Topics Covered:

Coasts

- Coastal erosion processes (hydraulic action, abrasion, attrition, solution)
- Landforms of coastal erosion – caves, arches, stacks, stumps
- Constructive and destructive waves
- Longshore drift
- Landforms of deposition
- Coastal management

Population

- Sparsely and densely populated places
- Reasons for population density
- Population pyramids
- Overpopulation
- Population management
- Ageing populations

REVISION

- Complete the revision topics and practice questions set on Seneca
- Use your knowledge organiser for key terms and processes
- Use BBC Bitesize – KS3 Geography – Coasts
- Make revision mind maps and notes to supplement your learning.
- <https://www.bbc.co.uk/bitesize/topics/z6bd7ty>
- Use BBC Bitesize – KS3 Geography – Population
- Make revision mind maps and notes to supplement your learning.
- <https://www.bbc.co.uk/bitesize/topics/zg7nvcw/articles/zxv4cmn>

History

1 hour exam, 41 total marks

What's on the paper?

The exam will assess you on the first 4 units you have studied in Year which are:

- **The Tudors and the Reformation**
- **Elizabethan England**
- **English Civil War**
- **The Slave Trade**

You will be assessed on your knowledge of these topics. You will also be assessed on your historical skills, for example putting events in chronological order and analysing sources and interpretations. You will also have to complete a piece of historical writing.

REVISION

You will be given a revision guide to take home which contains information on all the topics in the exam. Complete the questions in the information pack.

You will also receive revision lessons before the exam to prepare you for the type of questions you will get in the exam, and to practice your historical skills.

French

Paper 1: Receptive skills (reading and listening)

Paper 2: Writing

Below is a checklist for the key content in each exam as well as the total marks.
The 4 main topics we have covered since September will be included in both assessments.

Receptive skills

36 marks - 30minute Exam

Section A - Listening

- Types of books
- Languages
- Types of transport & countries
- Future plans (jobs/activities)

Section B – Reading

- Types of lodgings
- Free time activities
- Healthy eating/lifestyle
- Ambitions

Writing

35 marks – 30 minute Exam

Writing

- Free-time activities
- A holiday in the past
- Daily routine
- Job in the future

Drama

1 hour practical exam in lesson

Exam Topic: Arson About - Linked to subject curriculum

Areas for Revision:

How to create a believable character/characterisation:

- Facial expressions
- Movement
- Gesture
- Use of voice
- Character objective

Use of stage space:

- Levels
- Proxemics
- Masking
- Blocking
- Promenade
- End-on
- In the round

Stylistic features of an agitprop drama:

- Epic Theatre conventions (narration, placards, third person)

Drama Practitioner- Brecht and Epic Theatre

Drama techniques:

- Thought tracking
- Conscience Alley
- Lateral Layering
- Mime
- Freeze Frames
- Physical Theatre
- Sound Scape
- Narration

What will be assessed:

- Group work and process- 5 marks
- Use of drama skills and techniques- 5 marks
- Creativity and blocking- 5 marks
- Evaluation process- 5 marks

Helpful Hints:

- At the beginning of the unit, think how you could incorporate the elements of Epic Theatre into your assessment scene.
- Practice using drama terminology in your evaluation.
- Memorise your script early!
- Think of creative ways of blocking your scene to create meaning!

Assessment Format: Key Performance Indicators

Key Performance Indicators

Students will be assessed using Key Performance Indicators (KPIs) below:

KPI	Description
PE Y8KS3 U 8.01	Select, combine and perform a range of skills under pressure
PE Y8KS3 U 8.02	Successfully use and adapt more complex tactics when needed
PE Y8KS3 U 8.03	Explain and evaluate strengths and weaknesses of my own and others performances with areas for improvement
PE Y8KS3 U 8.04	Lead and motivate others with confidence and good organisational skills
PE Y8KS3 U 8.05	Understand advanced tactics and communicate them using good verbal and non-verbal skills
PE Y8KS3 U 8.06	Able to reflect on my own performance
PE Y8KS3 U 8.07	Sustain stamina for long periods and use different components of fitness to health and well-being
PE Y8KS3 U 8.08	Name bones, muscles and joints and explain how to improve fitness
PE Y8KS3 U 8.09	Explain how physical activity improves social, mental and physical health

These are continually assessed in PE lessons throughout the year and students will be graded as:

Below Target

Developing

On Target

Exceeding Target

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PRE

You will sit one assessment that will have two sections.

Each section is worth 23 marks for a total of 46 marks.

The exam is 1 hour long.

The first part will consist of multiple-choice questions in which you should select the correct answer.

The second part will consist of shorter descriptive questions where you must make a point and describe the topic of the question.

Finally, the third part will be a longer answer question where you will write two Point, Evidence, Explain paragraphs about the given topic.

Section A

Topic: Islam

Specific Content:

- The Qur'an
- Pre-Islamic Arabia
- The Hajj Pilgrimage
- The Prophet Muhammad

Section B

Topic: Philosophy of Religion

Specific Content:

- The God of Classical Theology
- The Problem of Evil - suffering
- Theodicies
- Philosophical Arguments for and against God

ICT

The assessment will take place in your classroom.

Your assessment will be 50mins long and will be 50 marks in total

Topics that will be covered:

Topic 1 – Business and Enterprise

Topic 2 – Layers of Computer Systems

Topic 3 – Modelling

Topic 4 – Python Programming

You will be assessed on your ability to apply learnt ICT skills as well as key terminology and concepts.

Revision:

You will be given a revision booklet to take home to help you revise the above topics we have covered since the start of year 8.

You can also use:

Seneca

Teams – class pages with lesson PowerPoints

Revision checklist/booklet that will be given to you

Music

Topic Content: Popular Music

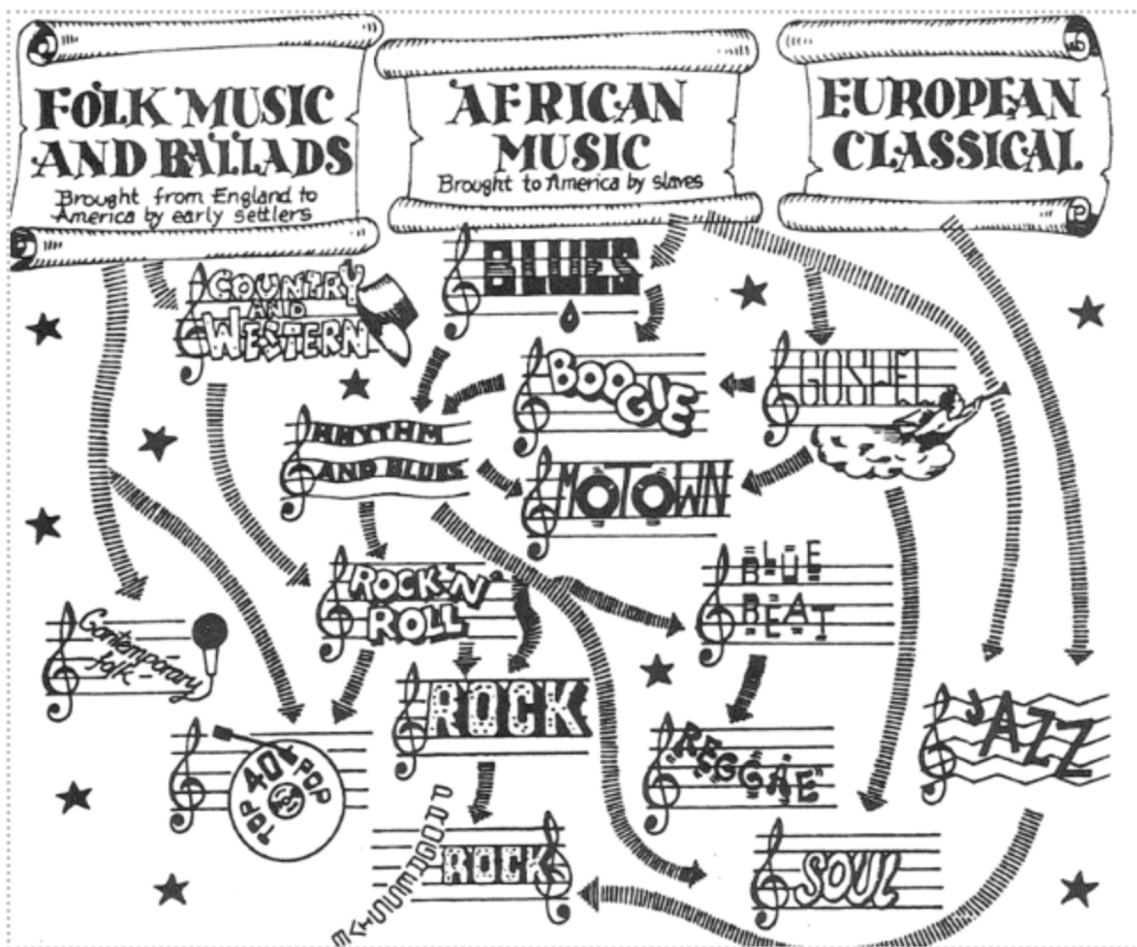
50 minute listening assessment in the classroom.

30 Marks

Students will be asked to aurally identify a range of music concepts (e.g. instruments, dynamics, tempo, etc.)

Recommended Revision:

British Pop Music (BBC Bitesize).



Creative Arts & Design

Ceramics, Food, Engineering and Textiles are on an Art and Technology rotation in year 8. Students will complete only ONE exam during lesson time which is subject based depending with the teacher they are currently with at the time of exams.

Ceramics: 1 hour exam (30 marks)

Ceramics is a practical exam in the classroom where students will use their skills to independently produce a ceramic tile in the allocated time.

- Marks will be provided for accuracy
- Control
- A creative design

Engineering: 4 x 1 hour lessons (20 marks)

Engineering is practical exam based in the classroom. Students will design and make a wooden pencil box

Assessment:

- Production of engineering drawings
- Health and safety
- Technical skills
- Construction skills
- Effective final product

Textiles: 1 hour exam (30 marks)

Students are to independently produce an embroidery sample linked to their Djambe cushion project, showing creativity and skill.

Revision tips:

- Threading a needle
- Applying a range of neat embroidery stitches
- Skill and creativity

Creative Arts & Design

Art, Ceramics, Food, Engineering and Textiles are on an Art and Technology rotation in year 7. Students will complete only ONE exam during lesson time which is subject based depending on the teacher they are currently with at the time of exams.

Food: 2 x 1 hour lessons (20 marks)

Food is practical exam based in the classroom. Students will prepare, cook, present and evaluate one of the following dishes; Chicken Curry or Vegetable Curry

Assessment:

- Food safety and hygiene
- Planning and food preparation skills
- Cooking skills
- Presentation of dish
- Evaluation of dish

Students will be awarded a mark in the following sections:

WORKING BELOW

WORKING TOWARDS

WORKING AT

WORKING ABOVE

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Art

1 hour exam (30 Marks)

You are to revise the Formal Elements of Art and will be able to independently produce a biro or pencil Natural Forms drawing in exam conditions which shows quality use of **line, tone, shape and form**.

Techniques Specific to Drawing

SHADING: Is a technique used to show dark and light tones. This helps create the illusion of depth and 3D form. You would add more pressure to your pencil when creating darker tones.

HIGHLIGHTS: In a drawing, the highlight is the lightest area on the object. The highlight is located on a surface where the light rays hit the form.

OUTLINE: A line or set of lines enclosing or indicating the shape of an object in a sketch.

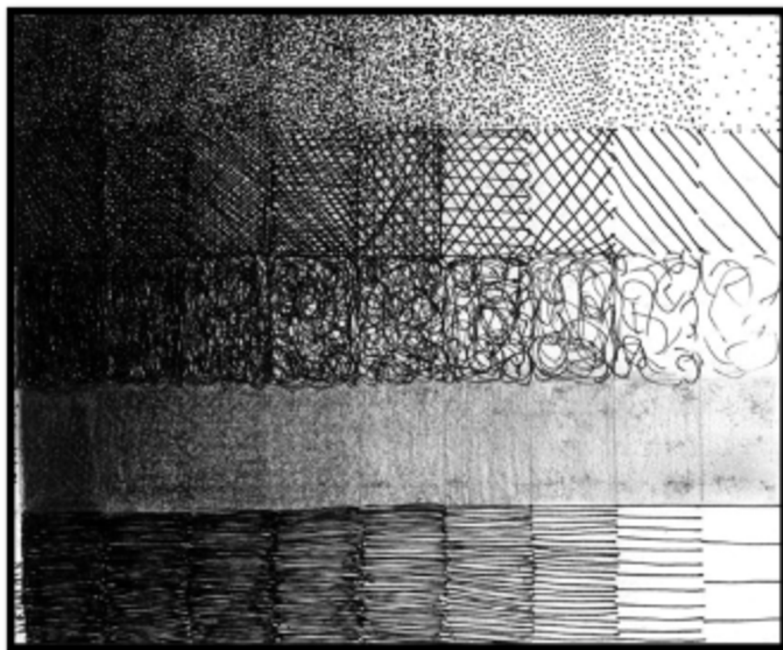
CONTOUR LINES: They are simply "outlines". We typically use contour lines to show the edges of objects and details within them.

POSITIVE SPACE: The space within the drawing of an object.

NEGATIVE SPACE: The background space in a drawing.

You will be marked on:

- Controlled use of line
- Drawing in proportion
- Application of gradual tone in an image to provide the illusion of form.
- A fully completed composition



Students will be awarded a mark in the following sections:

Below Target

Developing

On Target

Exceeding Target

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My Revision Planner

Week:

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
9am							
10am							
11am							
12am							
1pm							
2pm							
3pm							
4pm							
5pm							
6pm							
7pm							
8pm							
9pm							

My Revision Planner

Week:

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
9am							
10am							
11am							
12am							
1pm							
2pm							
3pm							
4pm							
5pm							
6pm							
7pm							
8pm							
9pm							

Timetable

Week 1

	Monday 17th June	Tuesday 18th June	Wednesday 19th June	Thursday 20th June	Friday 21st June
Registration and Revision (8.00am)	PRE	Science		Science	Geography
Period 1 Exam start 9.00am	Y8 PRE (1hr)				
Period 2		Y8 Biology (40 mins)		Y8 Chemistry (40 mins)	
Break					
Period 3					Y8 Geography (1h)
Period 4					
Lunch					
Period 5 Exam starts at 2pm					
Revision (3-4pm)	Science		Science	Geography	English

Timetable

Week 2

	Monday 24th June	Tuesday 25th June	Wednesday 26th June	Thursday 27th June	Friday 28th June
Registration and Revision (8.00am)	English	Maths	History	Maths	English/Science
Period 1 Exam start 9.00am	Y8 English Paper 1 (1h)				Y8 English Paper 2 (1h)
Period 2					
Break					
Period 3		Y8 Maths Paper 1 (1h)	Y8 History (1h)	Y8 Maths Paper 2 (1h)	Y8 Physics (40 mins)
Period 4					
Lunch					
Period 5 Exam starts at 2pm					
Revision (3-4pm)	Maths	History	Maths	English/Science	