Year 9

End of Year Assessment Countdown Booklet 2026

Head of Year

Mrs Liddle

Respect | Enthusiasm | Ambition | Determination | Resilience

Irlam and Cadishead Academy

The best in everyone™

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A Message from Mr Smith

Dear Student,

Year 9 End of Year Assessments

This booklet has been put together to help you prepare fully for your End of Year Assessments which are taking place from the 15th June – 30th 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. In some subjects such as PE and Technology, you will receive an achievement grade based on your performance over the year.

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 flashcards and regularly testing yourself, using your knowledge organiser for Look, Cover, Write, Check, doing practice questions on Seneca or Sparx, quizzing with friends, making mind maps and much more!

Each subject will provide you with a revision booklet full of key knowledge and revision tasks which must be completed before your assessments. When used together they will ensure you are fully prepared for your assessments. Have a look for more tips on BBC Bitesize by following this link Top revision techniques for exams

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,

Mr Smith
Assistant Principal

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 our 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

Year 9 – All Classes

Reading Exam - 45minutes with a maximum of 36 marks

Lord of the Flies - Allegorical Fiction

In this paper, you will answer a question on William Golding's *Lord of the Flies*, studied in Summer Term 1. You will be offered either a character question or a theme question and are expected to discuss key moments, supporting evidence, and relevant quotations from the novel.

You will be assessed on your ability to:

- **Read questions carefully and maintain focus on the question.**
- **Present a purposeful argument and viewpoint.**
- **Retrieve relevant evidence from across the text and refer to key moments to support your argument.**
- **Identify methods used by the writer.**
- **Provide detailed analysis of the impact of the writer's methods, making clear links to your argument and between different parts of the text.**
- **Zoom in on words and phrases to show detailed understanding.**
- **Infer meaning and explore connotations.**
- **Use a range of subject terminology and vocabulary specifically chosen to support your argument and viewpoint.**
- **Craft sentences carefully.**

English

Writing Exam - 45minutes with a maximum of 36 marks

Non-fiction Transactional Writing

In this paper, you will complete a piece of creative writing and be assessed on the procedural knowledge outlined below.

You will be marked on your ability to:

- **Craft sentences carefully.**
- **Write in a clear and cohesive way.**
- **Use varied vocabulary and accurate spelling.**
- **Punctuate for effect and with accuracy.**
- **Engage the reader.**
- **Write with a clear awareness of audience, purpose, and form (e.g. speech, letter, article).**
- **Use a range of transactional and persuasive techniques (e.g. opinion, direct address, rhetorical questions, emotive language, hyperbole, rule of three).**
- **Develop your ideas effectively.**
- **Create paragraphs with a clear and engaging structure.**
- **Organise your writing logically, following a clear overall structure (e.g. introduction, developed ideas, conclusion).**

English

Writing Exam - 45minutes with a maximum of 36 marks

Non-fiction Transactional Writing

In this paper, you will complete a piece of creative writing and be assessed on the procedural knowledge outlined below.

Key Persuasive Techniques: CDAFOREST

Use these in your writing to persuade and engage the reader:

- Command – Tell the reader what to do.
- Direct Address – Use "you" to involve the reader.
- Anecdote / Alliteration – A short personal story / Repetition of sounds.
- Facts / Flattery – Use factual evidence / Praise the reader.
- Opinion – Clearly express your own view.
- Repetition / Rhetorical Questions – Reinforce ideas / Ask engaging questions.
- Emotion / Exaggeration – Appeal to feelings / Use hyperbole for effect.
- Statistics – Include data to support your ideas.
- Triplets – Use the Rule of Three for emphasis.

VAST: Planning Tool

Use VAST before you begin writing:

- Voice – Who is speaking? (e.g. student, local resident, expert)
- Audience – Who are you writing for? (e.g. headteacher, newspaper readers)
- Style – What form are you writing in? (letter, article, speech)
- Tone – What tone suits the task? (formal, passionate, serious, humorous)

English

Writing Exam - 45minutes with a maximum of 36 marks

Non-fiction Transactional Writing

In this paper, you will complete a piece of creative writing and be assessed on the procedural knowledge outlined below.

Letter Writing Conventions

When writing a letter, remember:

- Greeting: Dear Sir/Madam or Dear [Name]
- Paragraphing – clear, focused sections
- Sign-off: Yours sincerely (if named) or Yours faithfully (if unknown)

Article Writing Conventions

When writing an article, remember:

- Use a catchy headline
- Introduction with a hook (question, statistic, bold opinion)
- Clear structure with paragraphs
- Address the reader and use engaging language
- End with a memorable conclusion or call to action

Writing Exam Practice

Question 1

Match the persuasive technique to its definition.

Persuasive Technique	Definition
Command	A. Using numbers or evidence to support a point
Statistics	B. Telling the reader what to do
Rhetorical Question	C. A question asked for effect
Direct Address	D. Speaking directly to the reader

Question 2

Complete the VAST planning grid for the task below.

VAST	Your Answer
Voice	_____
Audience	_____
Style	_____
Tone	_____

Writing Exam Practice

Question 3

Read the sentence below.

You must act now before our planet suffers irreversible damage.

Identify three persuasive techniques used in the sentence.

1. _____

2. _____

3. _____

Question 4

Write two rhetorical questions about banning mobile phones in schools.

1. _____

_____

_____

2. _____

_____

_____

Writing Exam Practice

Question 5

Read the opening below from a student article.

Every day, thousands of plastic bottles are thrown away in our town. If we continue to ignore this problem, the damage to our environment will only grow worse.

Find and copy:

- one fact
- one example of emotive language
- one example of future-focused language

Technique	Evidence
Fact	_____
Emotive language	_____
Future-focused language	_____

Question 6

Below is the opening of a letter.

Dear Headteacher,
I am writing to express my concern about the lack of outdoor spaces for students during break times.

Give two features of letter-writing conventions used here and explain why they are effective.

_____

_____

_____

_____

Maths

Paper 1 (Non-calculator) - 45 minutes - 45 marks
Paper 2 (Calculator) - 45 minutes - 45 marks

Topic		Sparx Codes
Decimal Manipulation	Apply all four operations using non calculator methods when working with decimals, this includes both dividing a decimal by an integer and dividing a number by a decimal.	U417, U478, M462, U735, U127, U293, U453, U868, U976
Estimation and Limis of accuracy	Use rounding in order to complete estimations (rounding to both one significant figure and applying sensible rounding), using inequality notation to write error intervals from both rounding and truncation.	U480, U298, U731, U965, U225, U657, U587, U108, U301
Related Calculations	Recognise and use relationships between operations in order to write down the answer to a related calculation from a given calculation.	U735
HCF & LCM of large numbers	Use prime factor decomposition and Venn diagrams in order to find the HCF and LCM of large values.	U211, U751, U529, U236, U739, U250
Fraction Calculations	Apply all four operations using non calculator methods when working fractions and mixed numbers involving different denominators, finding the fraction of an amount, writing one number as a fraction of another and to find the reciprocal of an integer, decimal or fraction.	U736, U692, U793, U475, U224, U544, U538, U881, U916, U163
Algebraic Manipulation	Collecting like terms and simplifying expressions involving all four operations, the identity symbol, adding fractions with algebraic numerators, multiplying and dividing simple algebraic fractions.	M795, U613, M830

Maths

Topic		Sparx Codes
Index Laws	Working with the laws of indices, this includes negative and **fractional** indices, using index notation for integer powers of 10, including negative powers.	U105, U622, U103, U437, U685, U457, U824
Standard Form	Converting between ordinary numbers and standard form. Calculating with standard form including multiplication, division, addition and subtraction.	U330, U534, U264, U290, U161
Expanding & Factorising 2	Expanding double brackets, factorising quadratics (where the coefficient of x^2 is 1), difference of two squares.	U179, U365, U768, U178, U963
Forming expressions & substitution	Substitution into algebraic formulae, basic functions - inputs and outputs, use algebra to show expressions are equivalence, know the difference between an equation and an identity.	M175, M428, U201, U585, U144
Direct and Inverse Proportion	Use proportion to answer problems involving exchange rates and best buys. Introduction to inverse proportion, interpret conversion graphs.	U721, U610, U357, U640, U407, U364, U138, U238, U369
Probability 1	Describe probability using the probability scale, calculate expected outcomes, mutually exclusive outcomes, experimental probabilities, probability from two way tables, sample spaces, samples, set notation and Venn diagrams. Product rule for counting.	U408, U510, U683, U166, U104, U476, U748, U296, U280, U580
Solving equations 2	Solve linear equations which contain brackets, fractional coefficients, negativ signs, negative solutions. Solving linear equations in one unknown with unknowns on both sides, solving equations that require fraction manipulation.	U755, U325, U585, U144, U870, U599, U505

Maths

Topic		Sparx Codes
Inequalities 1	Solve linear inequalities in one variable, represent and interpret solutions sets on a number line, solve two inequalities in one variable and compare to see which value(s) satisfy both.	U759, U509, U738, U145
Sequences	Recognise and use the sequence of triangular, square and cube numbers. Generate terms of a term-to-term sequence. Find the nth term of a linear sequence, use the nth term of a linear sequence to determine whether a given number is in that sequence.	U213, U530, M381, M241, U498, U978, U680, U958
Pythagoras	Use Pythagoras' Theorem to find missing sides in a right-angled triangle and to find the distance between two points. Justify whether a triangle with three given sides in right-angled or not.	U851, U385, U541
Interior and Exterior Angles	To calculate interior and exterior angles of (regular) polygons, find the total angle sum of a given polygon.	U447, U390, U730, U628, U732, U329, M985, U427
Vectors 1	To use column vectors, addition and subtraction of column vectors and interpretation of diagrammatic vectors. To identify whether a pair of column vectors are equal or not.	U196, U903, U564, U632, U660
Transformations 1	Reflection and rotational symmetry, understand all 4 Transformations - rotation, reflection, translation, enlargement (with a positive scale factor), identify the equation of a line of symmetry	U196, U799, U696, U519

Maths

1) Given that 32 x 13 = 416,
Without a calculator, find:
3.2 x 13 =

3.2 x 13000 =

2) A number, h, has been rounded to 1 decimal place to give 5.4.

Complete the error interval below for h.

..... $\leqslant h <$ .....

3) Simplify:

$y^5 \times y^3 \times y^{-2}$

$g^5 \div g$

4) A rod of aluminium has a mass of 575.4 g and a volume of 210 cm³. Find it's density. Include suitable units with your answer.

5) Tammy invests £200 in an account that offers compound interest at a rate of 2% per annum. Find the value of her investment after 3 years.

6) Factorise:

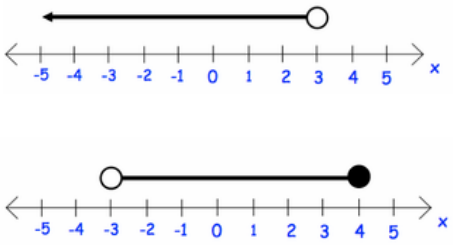
$x^2 + 5x + 4$

7) A bag contains only red a yellow counters. There are 30 counters in total, 12 of which are red counters, find the probability of taking a yellow counter.

8) Solve:

$2x + 9 \leqslant 27$

9) Write down the inequalities shown below:

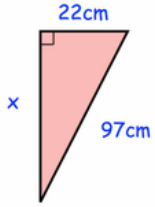


12) Find the size of an interior angle of a regular 20-sided polygon.

11) $a = \begin{pmatrix} 6 \\ 4 \end{pmatrix}$ $b = \begin{pmatrix} -2 \\ -5 \end{pmatrix}$

Find the value of $3a - b$ as a column vector

12) Find the value of x



Science

Exam format 3 x 30 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
- Diffusion in cells

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

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
- Patterns in mass change

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

Science

Biology

Plants and photosynthesis

- Photosynthesis
- Photosynthesis
- Testing for starch
- Transport
- Plants and the atmosphere

Biological systems and processes

- Skeletal system
- Muscles
- Respiratory system and gas exchange
- Aerobic and anaerobic respiration
- Smoking
- Alcohol
- DNA
- Inheritance

Chemistry

Reactivity

- Atomic structure
- Bonding
- Atomic and formula mass
- Metal oxides and acids
- Metal carbonates and acids
- Reactivity series
- Metal extraction
- Properties and uses of metals
- Reactivity and voltage

Energetics and rates

- Measuring rates
- Concentration and rate
- Surface area and rate
- Catalysts
- Endothermic and exothermic
- Combustion
- Thermal decomposition

Physics

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

Matter

- Particle model
- Density
- Pressure in a liquid
- Upthrust, floating and sinking
- Atmosphere pressure

Forces in action

- Moments
- Work done
- Simple machines
- Hooke's law

Sound waves

- Waves
- Speed of sound
- Hearing
- Ultrasound and sound devices

Geography

1 x 60 minute exam - 56 marks

What's on the paper?

Topic 1: Climate Change

Topic 2: Life in emerging economies

What are some example questions?

- You will see maths questions where you are expected to use and complete figures.
- You will be asked to suggest reasons for events happening.
- You will be asked to explain certain aspects of the topics above.
- Extended questions should be answered using PDD + PLC.

Keywords:

- Natural greenhouse effect
- Enhanced greenhouse effect
- Adaptation
- Mitigation
- Pull factors
- Push factors
- Transnational Corporation (TNC)

REVISION

- Complete the revision topics and practice questions set on Seneca
- Use your knowledge organiser for key terms and processes
- Make revision mind maps and notes to supplement your learning using https://www.bbc.co.uk/bitesize/topics/zvwtsbk
- Complete the revision booklet work

History

1 hour exam covering Units 1 to 4 of the Year 9 curriculum, 49 marks

What's on the paper?

Unit 1: World War One

Unit 2: Suffrage

Unit 3: Germany/ Dictatorships

Unit 4: The Holocaust

What are some example questions?

- What can you infer from source A?
- What is the purpose of source B?
- Identify the argument in interpretation one.
- Do you agree with the argument made in interpretation one?
- 'Statement' How far do you agree with this?

Keywords:

- Infer - think
- Source - something that tells you about the past
- Interpretation - opinion
- Purpose - the reason why something was made

REVISION

- Complete the revision booklet which will be given to you by your class teacher
- Complete the revision topics and practice questions set on Seneca
- Use your knowledge organiser for key terms and dates

French

2x 45 minutes papers (Paper 1: listening and Reading/Paper 2: Writing)

Topics covered in the exam:

- **Relationships- who I get on well with (or not) and why**
- **Hobbies and leisure time Past and future**
- **Special celebrations – traditions, foods and drinks**
- **What's it like where I live and places in my town**
- **French speaking countries- foods and weather**
- **Teen problems (school, technology etc)**
- **world issues (pollution, deforestation etc)**

Revision:

- **Complete the revision booklet which will be given to you by your class teacher**
- Complete the revision topics and practice questions set on **Languagenut.com**
- Use your knowledge organiser for key phrases (these are presented in the form of sentence builders)

PRE

You will sit one assessment that will have two sections. Each section is worth 25 marks for a total of 50 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 argue for and against a statement.

Section A

Topic: Issues of Equality

Specific Content:

- Gender Equality
- Women in Worship
- Religious Teachings on Equality

Example question: Explain an argument for and an argument against women becoming priests.

Section B

Topic: Issues of Life and Death

Specific Content:

- Aquinas – Natural Moral Law
- Fletcher – Situation Ethics
- Issues about abortion, euthanasia, capital punishment
- Philosophical Arguments for and against God

Example question: Explain and argument for and an argument against capital punishment.

Revision Materials:

- You will be given a revision pack to take home and make revision cards for
- You will have revision lessons in class

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 – Data Science
Topic 2 – Databases
Topic 3 – Cybersecurity
Topic 4 – Intro to Photoshop

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 9.

You can also use:
Seneca
Teams – class pages with lesson PowerPoints
Revision checklist/booklet that will be given to you

My Revision Planner

Week: .....

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

Respect | Enthusiasm | Ambition | Determination | Resilience

Timetable

Week 1

	Monday 15th June	Tuesday 16 16th June	Wednesday 17th June	Thursday 18th June	Friday 19th June
Registration and Revision (8.00am)	Maths Revision in Form Time	English Revision in Form Time	Maths Revision in Form Time	Science Revision Form Time	History Revision Form Time
Period 1 Exam start 9.00am					
Period 2					
Break					
Period 3			PRE Exam - In Lesson		Year 9 History Exam - In Lesson
Period 4					
Lunch					
Period 5 Exam starts at 2pm					
Revision (3-4pm)					

Timetable

Week 2

	Monday 22nd June	Tuesday 23rd June	Wednesday 24th June	Thursday 25th June	Friday 26th June
Registration and Revision (8.00am)	Maths Revision in Form	Maths Revision in Form	Maths Revision in Form	English Revision in Form	Science Revision in Form
Period 1		Maths Revision with your teacher	Year 9 Maths Revision with class teacher		
Period 2	French - In Lessons	Maths Exam - Sportshall	Year 9 Maths Exam -Sportshall		
Break					
Period 3	Geography				English Revision with your teacher
Period 4					English Exam - Reading
Lunch					
Period 5 Exam starts at 2pm		French - In Lesson			English - Writing
Revision (3-4pm)					

Timetable

Week 3

	Monday 29th June	Tuesday 30th June			
Registration and Revision (8.00am)	Maths Revision in Form	Science Revision in Form			
Period 1 Exam start 9.00am	Maths Revision with your Maths teacher				
Period 2	Maths Exam				
Break					
Period 3		Science			
Period 4		Science			
Lunch					
Period 5 Exam starts at 2pm					
Revision (3-4pm)					


GOOD
LUCK