Year 9

End of Year Assessment Countdown Booklet 2024

Head of Year

Miss Gardner

Respect | Enthusiasm | Ambition | Determination

Irlam and Cadishead Academy

The best in everyone™

Part of United Learning

A Message from Ms Milner

Dear Student,

Year 9 End of Year Assessments

This booklet has been put together to help you prepare fully for your Y9 End of Year Assessments which are taking place from the 17th June - 1st July. 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

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 - In this section of the paper you will answer a question on Sherlock Holmes. You will be offered a character question OR a theme question. You will be expected to discuss moments/evidence/quotations you can recall from Sherlock Holmes.

Reading Exam - 1hr with a maximum of 36 marks

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 a purposeful argument and viewpoint.
- Your ability to retrieve relevant evidence from across the text/reference to a key moment(s) to convincingly support your argument.
- Your ability to identify methods used by a writer such as symbolism, simile, metaphor.
- Your ability to provide detailed analysis of the impact of the writer's methods, making links between different parts of the text which clearly link to your argument and viewpoint.
- 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 subject terminology and vocabulary specifically chosen to develop your argument/viewpoint.

English

Writing Exam - 1hr with a maximum of 36 marks

Writing - 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 transactional writing techniques such as opinion, hyperbole, rule of three and emotive language.**
- **Your ability to develop a piece of writing.**
- **Your ability to create paragraphs with an engaging and interesting structure.**

Maths

Paper 1 (Non-calculator) 1hr 60 marks
Paper 2 (Calculator) 1hr 60 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

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

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

Topics Covered:

Life in an Emerging Economy

- **BRICs and MINTs**
- **Development indicators**
- **Urbanisation in emerging economies**
- **Opportunities and Challenges in NEE cities**

Climate Change

- **Sources of evidence of climate change**
- **Natural causes of climate change**
- **Human causes of climate change**
- **Impacts of climate change worldwide**
- **Responses to climate change – adaption and mitigation**

REVISION

- Complete the revision topics and practice questions set on Seneca
- Use your knowledge organiser for key terms and processes

History

1 hour exam, 49 total marks

What's on the paper?

The exam will assess you on the first 4 units you studied in Year 9 which are:

- **World War One**
- **Suffrage**
- **Nazi Germany**
- **The Holocaust**

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
55 marks - 45minutes

Section A – Listening
- Family and relationships
- Celebrations
- Environmental problems and solutions
- Sports and free time

Section B – Reading
- My region
- Family descriptions
- Festivals
- Children's rights
- Free time activities
- Shopping

Writing
40 marks – 45 minutes

- Family and relationships
- Celebrations
- Environmental problems
- French speaking countries
- Tenses (past, present & future)

Drama

1 hour practical exam in lesson

Exam Topic: Scripted Comedy - 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 a comedic drama:

- Slapstick
- Exaggeration
- Clocking the audience
- Rule of Three

Drama Practitioner- Stanislavski and Naturalism, Artaud and Theatre of Cruelty, Boal and Theatre of the Oppressed

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 storyline- 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!

PE

Assessment Format: Key Performance Indicators

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

KPI	Description
PE KS3:P U 9.01	Perform a range of advanced skills under pressure, showing good imagination
PE KS3:P U 9.02	Shows advanced decision making skills in a competitive activity or to create dynamic routines/sequences.
PE KS3:P U 9.03	Analyse and evaluate the effectiveness of their own and others performances and explain how to improve them
PE KS3:P U 9.04	Lead and officiate with confidence showing good knowledge of rules/regulations
PE KS3:P U 9.05	Adapt drills to include all participants and to ensure everybody can participate
PE KS3:P U 9.06	Prove to be a role model and show determination to keep going and overcome all setbacks
PE KS3:P U 9.07	Consistently demonstrates the fitness required to perform well in all activities
PE KS3:P U 9.08	Exercise safely to improve performance showing a good understanding of safe practice
PE KS3:P U 9.09	Explain why nutrition and hydration are important in sport

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

Below Target | Developing | On Target | Exceeding Target

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 argue for and against a statement.

Section A	Section B
Topic: Issues of Equality	**Topic: Issues of Life and Death**
Specific Content: • Gender Equality • Women in Worship • Religious Teachings on Equality	**Specific Content:** • Aquinas – Natural Moral Law • Fletcher – Situation Ethics • Issues about abortion • 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 – 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

Music

Topic Content: Musical Theatre

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:

[Musicals and Musical Theatre (BBC Bitesize)](#)

Creative Arts & Design

Ceramics, Food, Engineering and Textiles are on an Art and Technology rotation in year 9. 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 us their skills to independently produce a ceramic leaf in the allocated time.

- Marks will be provided for accuracy
- Control
- Form
- 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 desk tidy

Assessment:

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

Creative Arts & Design

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; **Thai Curry** or **Pizza**
Assessment:

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

Textiles: 1 hour exam (30 marks)
Students are to independently produce an embroidery sample linked to their Natural Forms project, showing creativity and skill.
Revision tips:

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

Students will be awarded a mark in the following sections:

WORKING BELOW | WORKING TOWARDS

WORKING AT | WORKING ABOVE

Art

1 hour exam (30 Marks)

You are to revise the Formal Elements of Art and will be able to independently produce a small, Mixed Media Ian Murphy inspired image 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
- Use of Artist inspiration
- Creativity of outcome.

Students will be awarded a mark in the following sections:

Working Below	Working Towards	Working At	Working Above

My Revision Planner

Week: .....

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

My Revision Planner

Week: .....

	9am	10am	11am	12am	1pm	2pm	3pm	4pm	5pm	6pm	7pm	8pm	9pm
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My Revision Planner

Week: .....

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Monday													
Tuesday													
Wednesday													
Thursday													
Friday													
Saturday													
Sunday													

Timetable

Week 1

	Monday 17th June	Tuesday 18th June	Wednesday 19th June	Thursday 20th June	Friday 21st June
Registration and Revision (8.00am)	Science		Science	Geography	History
Period 1 Exam start 9.00am					
Period 2					
Break					
Period 3			Y9 Chemistry (40 mins)	Y9 Geography (1h)	Y9 History (1h)
Period 4	Y9 Biology (40 mins)				
Lunch					
Period 5 Exam starts at 2pm					
Revision (3-4pm)		Science	Geography	History	Maths

Timetable

Week 2

	Monday 24th June	Tuesday 25th June	Wednesday 26th June	Thursday 27th June	Friday 28th June
Registration and Revision (8.00am)	Maths	English	English/Science	PRE	
Period 1 Exam start 9.00am			Y9 English Paper 2 (1h)		
Period 2					
Break					
Period 3	Y9 Maths Paper 1 (1h)	Y9 English Paper 1 (1h)	Y9 Physics (40 mins)	Year 9 PRE (1h)	
Period 4					
Lunch					
Period 5 Exam starts at 2pm					
Revision (3-4pm)	English	English/Science	PRE		Maths

Timetable

Week 3

	Monday1st July				
Registration and Revision (8.00am)	Maths				
Period 1 Exam start 9.00am	Y9 Maths Paper 2 (1h)				
Period 2					
Break					
Period 3					
Period 4					
Lunch					
Period 5 Exam starts at 2pm					
Revision (3-4pm)					


GOOD
LUCK