

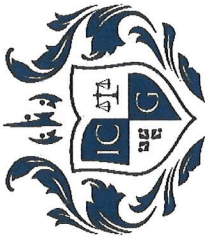
Integrated College Glengormley



INTEGRATED COLLEGE
GLENGORMLEY

Year 10

Winter 2024

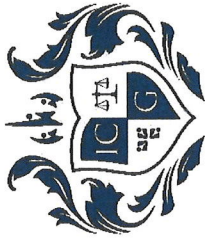


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Year 10H Winter Exam Timetable

10H	Monday 9th Dec	Tuesday 10th Dec	Wednesday 11th Dec	Thursday 12th Dec	Friday 13th Dec
Session 1 8.45 - 10.55	Home Study	Pathway Assessment English (1 hour 30 mins) Assembly Hall & Gym 9.00 am Start	Pathway Assessment Maths (1 hour 30 mins) Assembly Hall & Gym 9.00 am Start	Technology & Design (1 hour 30 mins) Start at 9.15am	Biology (30 mins) Start at 9am Physics (30 mins) Start at 9.35am Chemistry (30 mins) Start at 10.10am
Break 10.55 – 11.15					
Session 2 11.10 - 1.00	Home Study	Home Economics (1 hour) Start at 11.30 am	Spanish (1 hour) Start at 11.30 am	History (1 hour) Start at 11.30 am	Geography (1 hour) Start at 11.30 am

Free time can be used for silent and personal revision.

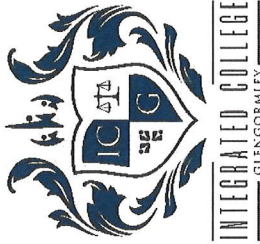


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Year 10G Winter Exam Timetable

10G	Monday 9th Dec	Tuesday 10th Dec	Wednesday 11th Dec	Thursday 12th Dec	Friday 13th Dec
Session 1 8.45 - 10.55	Home Study	Pathway Assessment English (1 hour 30 mins) Assembly Hall & Gym 9.00 am	Pathway Assessment Maths (1 hour 30 mins) Assembly Hall & Gym 9.00 am	Technology & Design (1 hour 30 mins) Start at 9.15 am	Science (1 hour) Start at 9.30 am
Break 10.55 – 11.15					
Session 2 11.10 - 1.00	Home Study	Home Economics (1 hour) Start at 11.30 am	Spanish (1 hour) Start at 11.30 am	History (1 hour) Start at 11.30 am	Geography (1 hour) Start at 11.30 am

Free time can be used for silent and personal revision.



Year 10C & Access Arrangements

Winter Exam Timetable

	Monday 9th Dec	Tuesday 10th Dec	Wednesday 11th Dec	Thursday 12th Dec	Friday 13th Dec
10C					
Session 1 8.45 - 10.55	Home Study	Pathway Assessment English (1 hour 53 mins) Assembly Hall & Gym 9.00 am	Pathway Assessment Maths (1 hour 53 mins) Assembly Hall & Gym 9.00 am	Technology & Design (1 hour 53 mins) Start at 9.15 am	Science (1 hour 15 mins) Start at 9.30 am
Break 10.55 – 11.15					
Session 2 11.10 - 1.00	Home Study	Home Economics (1 hour 15 mins) Start at 11.30 am	Spanish* (1 hour 15 mins) Start at 11.30 am	History (1 hour 15 mins) Start at 11.30 am	Geography (1 hour 15 mins) Start at 11.30 am

Free time can be used for silent and personal revision.

Timings include 25% extra time

*Students in 10C are not assessed in Spanish. This time will be used for revision/movement break.

Rooms for Exams

10H1	20G
10H2	2S
10G1	7S
10G2	5S
10G3	4S
10G4	3S
10G5	1S
10C	25G
10 Access Arrangements	Drama Theatre

Year 10 Routines and Expectations for Exams

- Attend every day
- Arrive to school on time
- Bring your school bag with
 - Correct Equipment – pen, pencil, ruler, rubber, sharpener, protractor, calculator, colouring pencils
 - Revision materials to use before and after exams each day
- Place your schoolbag at the front/back of the room
- Hand your mobile phone to the teacher prior to the start of each exam session
- Use the bathroom in the morning before your exam and at breaktime.
- Be respectful to the teachers and teaching assistants supervising you
- Put your hand up if you need to speak to the teacher/TA during the exam.
- For the pathway exams in the hall, go to your exam room first to get registered.

And finally, try your best!

Subject	Topics to be revised
Art and Design	Tim Burton animation skills using pencil- current topic.
English	Creative Writing <ul style="list-style-type: none"> • You will be writing descriptively and imaginatively. • You will be emotive with your language. • You need to implement techniques and use a structured approach to your writing.
Spanish	<ul style="list-style-type: none"> • Identify what Spanish speaking countries are famous for. Identify where Spain is located. • Describe the geographical landscape of Spain. • Describe location using a compass. • Ask for and give our opinion. • Ask for and give reasons for our opinions. Describe a town/city. • Say what amenities there are in a town/city. • Write a short essay about a Spanish speaking city/country.
Geography	Development <ul style="list-style-type: none"> • Definition • Indicators • HDI • India • Factors affecting • Appropriate technology
History	USA in the 1920s booklet Ireland and the Great War booklet <ul style="list-style-type: none"> • Home Rule • Causes of WW1 - long and short term
Home Economics	<ul style="list-style-type: none"> • List safety rules in Home Economics • Explain how to handle raw meat hygienically and safely • The 4 conditions needed for bacterial growth • Reasons why the sales of multicultural food products are increasing • Advantages and disadvantages of people using supermarkets for all their shopping • What is Fairtrade? How can buying Fairtrade produce help farmers? Examples of Fairtrade products.
IT	Database skills Fields and datatypes, records, tables, validation, sorting, queries, reports and forms.

Mathematics	<p>**Bring a calculator and Protractor**.</p> <ul style="list-style-type: none"> • Negative number calculations • Averages - mean, median, mode and range • Stem and leaf diagrams • Area and perimeter of kite, rectangle • Area and circumference of circles - learn formula • Work out unknown angle in triangle, quadrilateral, straight line, parallel lines • Compound interest • Draw scattergraph • Draw pie chart - bring protractor • Percentages • Two way table <ul style="list-style-type: none"> • Extension section for those wishing to student GCSE FM: • Cumulative frequency and boxplots • Factorising quadratics and expanding double brackets • Factorising and simplify algebraic fractions • Solve an equation with algebraic fractions
Music	<p>Music assessments will take place in classes prior to exam week</p> <p>Part 1 is a Music Notation Test</p> <ul style="list-style-type: none"> • Letter names of notes • Duration of notes (identify note symbols) • Identify most common symbols on a Treble Clef stave • Ledger lines <p>Part 2 Practical Assessment</p>
Religious Education	No assessment
Science (Combined G and C Bands)	<p>Biology: Organ Systems (Circulatory, Respiratory & Excretory)</p> <ul style="list-style-type: none"> • Identify and name components of blood. Know their functions. • Blood vessels. Recognise the different structures, label and know functions. • Heart. Name/label chambers, blood vessels and direction of blood flow. • Effects of exercise on the heart. • Explain double circulation. • Label respiratory system diagram. Know the function of each part. • Explain Inhalation and exhalation. • Model lungs in bell jar – compare model with human thorax.

	<ul style="list-style-type: none"> • Gas exchange. What is this? Where does it happen? • Smoking. Name the key chemicals in cigarettes and their dangers. • Explain passive smoking. • Know and explain cardiovascular disease and smoking. • Label excretory system diagram. • Function of kidneys. <p>Physics unit 1 - Light</p> <ul style="list-style-type: none"> • Know what luminous means • Name three luminous objects • Know what non-luminous means • Name three luminous objects • Know the difference between transparent, translucent, and opaque. Can I name examples. • Know that light travels in straight lines. • If an object is transparent, it allows light to pass through. • Shadows are formed when light hits an opaque object. • Draw a labelled ray diagram for light rays hitting and being reflected of a plane mirror. To include, the incident ray, reflected ray, normal, angle of incidence and angle of reflection. • Identify three mirrors, convex, concave and plane. • Recall that the bending of light is called REFRACTION. • Know that refraction occurs when light travels into a different medium. • When light travels into a more dense medium it will slow down and be refracted towards the normal. • When light travels into a less dense medium it will speed up bending away from the normal. • White light can be dispersed (split) into the seven colours of the spectrum (rainbow) using a prism. • The seven colours of the rainbow are, red, orange, yellow, green, blue, indigo and violet. • The law of reflection states that the angle of incidence is equal to the angle of reflection and angles are always measured to the normal. • The normal is always 90 degrees to the mirror, glass block
Biology (H Band only)	<p>Organ Systems – Circulatory, Respiratory & Excretory</p> <ul style="list-style-type: none"> • Explain that the circulatory system is made up of blood, heart and blood vessels. • List the four components of blood - red blood cells, white blood cells, platelets and plasma. • Label the four components of blood and describe their functions.

	<ul style="list-style-type: none"> • Understand that blood can be grouped as A, B, AB and O and Rhesus positive or negative. • Explain that the heart is a pump to move blood around the human body. • Describe and label the structure of the heart. • Describe and explain the effects of exercise on heart rate. • Describe how the blood circulates round the human body. • List the main blood vessels in the human body - arteries, veins and capillaries. • Describe and label the structures of arteries, veins and capillaries in the human body. • Describe the role of the respiratory system in the human body. • Describe and label the structure of the respiratory system. • Describe the pathway gases travel along to move into and out of the respiratory system. • Describe the processes of inhalation and exhalation in the human body. • Understand and explain the bell jar model. • Describe the gas composition of inhaled and exhaled air. • Describe the advantages of the structure of the lungs in the human body. • Understand and explain aerobic respiration. • Understand that inhaling another person's smoke is called passive smoking. • Describe how tar, nicotine and carbon monoxide are harmful components of tobacco. • Describe how smoking causes diseases such as heart disease, emphysema and respiratory infections. • Describe and label the structure of the excretory system. • Explain the key roles of the kidneys as to remove urea, adjust ion content and adjust water content of the human body. • Understand that the reabsorption of water is controlled by a hormone called ADH (Anti-Diuretic Hormone). • Describe treatments of kidney failure as dialysis by kidney machine and kidney transplant. • List the pros and cons of both kidney failure treatments.
<p>Chemistry (H Band only)</p>	<p>Elements, Compounds and the Periodic Table</p> <ul style="list-style-type: none"> • What is an Element • What is a Compound • What is a Mixture • Burning Magnesium – observations, how to carry out safely, word equation • Burning Iron – observations, word equation • Oxygen – properties, uses and test for Oxygen

	<ul style="list-style-type: none"> • Carbon Dioxide - properties, uses and test for Carbon Dioxide • Hydrogen – properties, uses and test for Hydrogen • Structure of the Periodic Table – Periods, Groups, Metals, Non-Metals • The development of the periodic table (key people involved) • Differences between Mendeleev’s periodic table and the modern day periodic table • Reactivity of Alkali metals with water • Atomic Structure • Names of Groups 1, 2, 7 and 0 • Observations with Group 1 alkali metals with water • Word equations with Group 1 metals and water • Uses of group 1 metals • Observations with Group 2 metals with water • Word equations with Group 2 metals and water • Uses of group 2 metals • Physical properties of Group 7 elements • Uses of group 7 elements • Physical properties of Group 0 elements • Uses of group 0 elements
Physics (H Band only)	<p>Energy Transfer</p> <ul style="list-style-type: none"> • Types of energy and their stores • Using Sankey diagrams to show energy transfers • Calculating efficiency • How energy is transferred via conduction, convection and radiation • Reducing unwanted energy transfers in the home. • Calculating power.
Technology and Design	<ul style="list-style-type: none"> • Health & Safety (Safety Rules) • Tools & Equipment • Pedestal Drill (all about it including safety checks) • Safety Symbols (Identification and application) • Trinket Box Project (Stages of Making) • T&D Terminology (Words & Meanings) • Design Question (Quirky Desk Lamp)

