



Year 9

Revision Guide

Summer Examinations

2022

Name:	
Form Class :	
Parent Signature	

About this guide

At Cullybackey College our motto is ‘creating opportunities for success’. Young people today are measured on their performances and grades across a host of subjects, so it is important that we help to support our students to achieve their very best.

We want our students to get into the good habits of working hard and preparing thoroughly for exams from an early age. We want them to experiment with different revision techniques and we want them to realise the importance that revision plays in making sure that they achieve the result that they are capable of and the result that they can be proud of.

This short guide gives a little bit of help and support as you plan for the exams that will be taking place between Monday 6th June and Friday 10th June 2022.

Don't forget that the grades you achieve are a direct result of the amount of effort, time and work that you put in.

All the very best for your exams,

Mr T Manson

Vice Principal



Getting ready for the exams . . .

Exams are not meant to be easy – they are designed to be something that will test your knowledge and understanding across the different subjects that you study.

Here are a few tips that might help

1. **Study environment:** try to find a quiet, peaceful place where you can work. Turn off the TV, the music and your computers and digital devices
2. **Know what you are meant to learn:** make sure that you know what you have been studying, that all missing notes have been copied up and that you know what might be coming up in the exam
3. **Take notes of your notes:** it is not enough to just sit with your book open to read – you need to rework your notes and try to remember the key points – why not . . .
 - a. reduce your notes down to sentences or key words
 - b. colour code your revision with highlighters
 - c. create a mindmap
 - d. turn your notes into pictures
4. **Memorise:** you need to get your subject notes into your head!
 - Use your hand to cover and check what you can remember
 - Use Post its – put a question on one side and the answer on the other side
 - Make posters for your bedroom with the key things you need to remember
 - Test yourself – ask a friend or parent to ask you questions.
5. **During the exam:** Close your eyes, take a deep breath . . .
 - Read every question carefully. Underline the key words in the question.
 - Show what you know!
6. **Stay fit and healthy:** During exams make sure that you drink enough

Art



The summer exam will give you the opportunity to show your understanding and learning based on the artist you have studied in class with your Art teacher.

In your exam you will be asked to write down facts about the artist and their work using key terms. You will need to research the artist before the exam and your teacher will help you with this in class.

You will be asked to produce a small copy of the Artist's work which focuses on an area of detail, or a close up section. Again you can practice this ahead of the exam.

You will then be asked to create your own study from an image provided and based on the Artist's style.

To prepare for the exam you should:

- Make sure you are not absent from class in the weeks running up to the exam.
- Make sure you have the materials you will need for the exam, pencil, rubber, ruler, sharpener and black fineliner pen.
- If you have colouring pencils and you want to use them in the exam you can – students who do not use colouring pencils will not be penalised.
- Your teachers will upload information and demos on Google Classroom as well as working with you in class to ensure you have the skills required for the exam.
- Practice at home! The biggest challenge students face is completing the work in the allocated time. Your exam will be 1 hour. Set a timer on your phone and have a go ahead of the exam.

Year 9 Drama



- **Character:** The **personality of the person you portray** in a play, musical or film.
- **Dualogue:** A **conversation** between two people. (*a dialogue is a conversation between 2 or more people*)
- **Vocal Tone:** To **express a variety of feelings and emotions with your voice** that communicates a specific meaning. Vocal tone involves the **rhythm** of your voice (*fast/slow pace*), the **volume** (*loud/quiet*), and **the emotion the character is feeling**.
- **Emphasis:** To put **more energy and expression into a word** in order to put across a specific meaning and to communicate a word(s) with flair and dramatic energy.
- **Script:** The **words and lines of a play written by an author** (s). When performing a play, you rehearse the lines of a character and deliver them in an expressive way.
- **Scene Study:** A **scene is a part of a play** or a film. There were 10 scenes in 'Cyber'.
- **Italicized Words:** In a script, the ***italicized words usually slope to the right*** and give you **stage direction/performance guidance** (*e.g. walk away; move stage right*)
- **Freeze Frame:** A moment in time when **actors 'freeze' an action**; a technique often used in plays when another action in the play takes focus.
- **Set:** A **set** is an **arrangement of scenery to represent the place** where a play is acted out. In the movement piece, the set was a park and we used chairs as benches.
- **Prop:** A **hand held object** that is used by an actor (*character*) in a play or film. For example: The **prop** in theatrical movement piece was a **magazine**.
- **Rehearsal:** The process of **practicing lines and/or moves for a performance** in order to be well prepared for your audience in the performance.
- **Theatrical Movement Piece:** Choreography that communicates a story using expressive body language (*and facial expressions*). The **'stimulus'** to inform the mood of the theatrical movement **is a piece of music**, usually instrumental.
- **Choreographer:** The person who **designs a dance/movement piece**. The **choreography is the moves and steps** of the piece.
- **Spatial Awareness:** To be **able to see, sense, feel the space around you**. This is important in dance in order to avoid accidents.
- **Movement Vocabulary:** The **words we use to describe specific styles of movement** such as: freeze, drop, melt, jump, spin, step.
- **Costume Design:** Creating a costume for a character that matches their personality. A costume design includes all accessories such as jewellery, hats, scarves, belts, etc.
- **Self-Reflection:** When you **reflect on a creative process** and write about all the steps you took, from rehearsal to performance.

English

Year 9

The Year 9 summer exam will consist of a Reading and Writing Section.

Section A: Reading

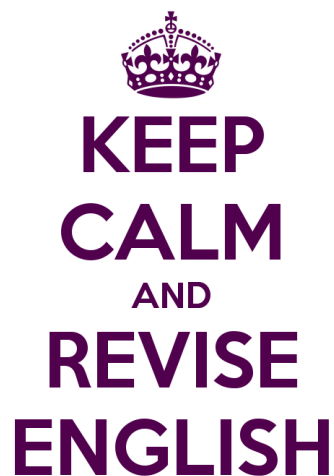
Revise:

- Practice comprehension activities

Section B: Writing

Revise:

- Spellings and grammar
- How to paragraph
- Punctuation: full stops, capital letters, exclamation marks, question marks, speech marks, apostrophes
- Linguistic devices: Similes, metaphors, onomatopoeia, personification, alliteration, repetition, adverbs, engaging adjectives and verbs



French



All classes-

The following topics will be tested:

Self and family – basic details.

Home and region – where you live and the type of region, type of house, rooms of the house, bedroom furniture, prepositions, what you do after school.

Time - Numbers 1-60

In Town – Buildings, what there is and is not in a town, asking the way and giving directions, saying where you are and where you are going, opinions about places in a town and asking to meet up with someone.

At the café- Drinks, Snacks, phrases for ordering in a café and signs.

9A1/9A2 External exam- CCEA OLA

All relevant vocabulary and phrases are included in the OLA Entry Level 2 Vocabulary lists which have been given to 9A1 and 9A2 pupils.

Pupils will also be required to present 10 pieces of information about themselves in French orally for the Speaking part of the examination.

Each pupil will have a sheet outlining the choice of information they can give.

Geography

Year 9

Topic: Map Work

Students should be able to carry out the following skills on an Ordnance Survey map:

- State direction (4 and 8 point compass)
- Identify features using symbols and the map key
- Identify the height of land using an Ordnance Survey map
- Use four figure grid references
- Use six figure grid references to locate features

Topic: Weather and Climate

Key Questions: What is weather?

Why study the weather?

What are the 8 weather elements?

How do we measure the weather? (All instruments and their unit of measurement)

What is a Stevenson Screen used for?

What is a synoptic chart? (Be able to interpret all the symbols, cloud cover and winds)

What is experienced during a thunderstorm?

Why do climates differ around the world?

How do meteorologists display weather data?

Topic: Ecosystems

Key Questions: What is an ecosystem?

How are the elements (climate, soil, plants and animals) linked to each other?

Where are the tropical rainforests located?

What are the climate, vegetation and wildlife like in the Tropical Rainforest?

What is deforestation?

What and where are the hot deserts?

What are the climate, vegetation and wildlife like in hot deserts?

Also learn all key terms– spellings and definitions



History



Pupils will be tested on the following topics:

1) Plantation

Pupils will be expected to explain why the Plantation of Ulster took place. They will be expected to identify the various viewpoints of the Native Irish and the Planters.

2) Williamite Wars in Ireland

Pupils will be tested on their knowledge of the conflict between William III and James II. Pupils should know why James was removed as King and understand Louis XIV motives' in becoming involved in the conflict. They should learn the key events in the Siege of Derry and understand why William won the Battle of the Boyne.

3) Significant events 1500-1700

Pupils will be expected to give a reasoned response as to their opinion on the most important events during this period.

4) Native Americans

Pupils will be tested on the following key areas

- a) Life in a tepee
- b) Use of the Buffalo
- c) Life of a young American Indian

Home Economics

1. **Food Safety and Hygiene**

Rules for food safety.

Personal hygiene rules.

Date Marks on food –

“**best before**” – What does it mean? What foods is it found on?

“**use by**” - What does it mean? What foods is it found on?

What conditions do bacteria need to grow?

What are the symptoms of food poisoning?

Key temperatures for food storage and cooking.

2. **Breakfast**

Reasons for not eating breakfast.

Why eating breakfast is so important?

What makes a healthy breakfast?

The role of Calcium and Vitamin D in the body.

3. **Fats and Obesity**

Ways to cut down on fats in the diet.

Foods containing saturated and unsaturated fats

Problems faced by obese people

Healthy alternatives to fast foods



4. **Dietary Fibre**

Function of fibre in the body.

Good sources of fibre.

Dietary diseases related to not eating enough fibre.

How much fibre do you need each day?

5. **Vitamin C**

Reasons why Vitamin C is needed in the body.

Ways to conserve Vitamin C in food preparation.

What counts as a portion of fruit or vegetables?

Year 9 ICT

Your exam will address all topics covered this year. It will be a written exam and last for 30 minutes.

You will be tested on the topics listed below.



E-safety

- Behaving safely online
- Dos and Don'ts of online activity

Email

- Accessing Office 365
- Creating emails
- Attaching files

Google Classroom

- Accessing files
- Sharing work
- Commenting on Stream
- Submitting work

Google Sheets

- Adding/editing data
- Inserting/deleting rows
- Inserting/deleting columns
- Column widths
- Formatting
- Formula
 - SUM
 - AVERAGE
- Exporting as Excel

Microsoft Excel

- Creating a chart
- Layout, legend and titles

Google Slides

- RaPiDCAT
- Research and planning
- Creating speaker notes
- Theme
- Animations and transitions
- Hyperlinks
- Action buttons
- Testing and evaluation

GameMaker

- Sprites
- Sounds
- Objects
- Rooms
 - Backgrounds
 - Adding objects
- Events
 - Create
 - Collision
 - Mouse

MATHS

1. TRANSFORMATIONS

Recognise the four types of transformation – translation, reflection, rotation, enlargement

Translate shapes given the vector

Calculate the vector given the shape and its image after transformation

Reflect shapes by drawing mirror image

Revision of drawing a line such as $y=3$

Reflect shapes in a given line, eg. $x=2$

Rotate shapes given the angle and centre of rotation

Combined transformations

Calculate centre of enlargement and scale factor from given shape and its enlargement

Enlarge shapes with whole number scale factor

Enlarge shapes with fractional scale factor

2. PROBABILITY

Use the words for probability – certain/likely/even/unlikely/impossible

Use a scale for probability

Calculate probabilities as a fraction, decimal and percent

3. SCATTER GRAPHS

Understand and identify the types of correlation in real life situations

Plot scatter graphs and decide the appropriate correlation

Understand and draw a line of best fit

Use the line of best fit for missing data

4. TIME

Read the time from a clock face

Show times on a clock face

Understand am/pm times

Add time

Calculate the time lapse from one time to another

Convert minutes to hours, and vice versa

Interpret timetables and convert from 12 to 24-hour clock, and vice versa

Read calendars



5. STRAIGHT LINE GRAPHS

Plot co-ordinates in all four quadrants

Represent simple functions for vertical and horizontal lines

Understand substitution with formulas and linear equations. Find points that lie on a line and list the coordinates

Represent linear equations on x, y axes

Read and interpret real-life graphs (conversion graphs)

6. SHAPE AND CONSTRUCTION

Recognise and define a polygon

Recognise different types of polygons

Define a triangle and know the properties of each type of quadrilateral

Define a quadrilateral and know the properties of each type of quadrilateral

Determine the parts of a polygon
Use a compass to draw circles
Construct triangles and some regular polygons using a compass
Define congruence and tessellation
Recognise common 3D objects
Draw 3D shapes on Isometric paper
Draw, cut and fold nets of cubes and cuboids
Create other 3D shapes given net templates

7. SYMMETRY

Recognise line symmetry
Draw lines of symmetry on shapes and letters
Reflect 2D shapes in horizontal and vertical mirror lines
Know the symmetrical properties of regular/irregular 2D shapes (including quadrilaterals and special triangles)
Understand terms object, image, line of reflection, congruent
Draw the horizontal and vertical mirror line, given the object and the image
Reflect 2D shapes in diagonal lines (equivalent to $y = x$ and $y = -x$)
Reflect 3D shapes in a face and a line
Examine patterns occurring in different cultures (tessellations, Amish quilt design and Islamic tile patterns)
Recognise and use rotational symmetry
Describe the order and centre of rotational symmetry

8. AREA AND PERIMETER

Calculate the perimeter and area by counting squares
Use the formula for the area of a rectangle and a square
Estimate the area by counting whole squares and part squares
Use the formula to find the area of a triangle
Find the area of parallelograms
Find the area of composite shapes
Be familiar with parts of a circle
Understand the meaning of π and discover the formula to calculate circumference of a circle
Understand and use appropriate formula to calculate circumference and area of a circle
Understand, use and apply Pythagoras Theorem

9. VOLUME AND CAPACITY

Understand the concept of volume; be able to calculate volume by counting cubes; and discover a formula to calculate volume of cubes and cuboids
Understand the units of volume
Understand the distinction between capacity and volume, and their respective units



Music

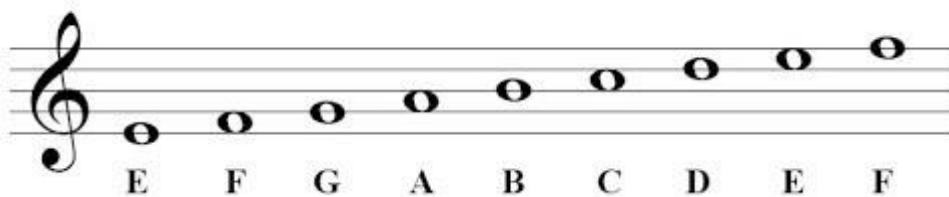


For your summer exam you will need to look back on everything you have learned this year so far.

You will be tested on the following topics:

- The Elements of music: Know all the musical elements from Term 1.
- Beethoven: Know the key facts about Beethoven and about Symphony no 9.
- Hooks and Riff: Know the definition of a hook, riff and ostinato.
- The notes on a keyboard
- Chords: How to create them, find them on a keyboard and draw them on the music stave.
- Melodic Notation – knowing the notes on the treble clef lines (you will need to know a rhyme for the notes on the lines, what the spaces spell, how to name notes and how to draw them.)
- Rhythmic Notation – be able to draw, name and say how many beats there are in a semibreve, a minim, a crotchet, a quaver and a semiquaver.

Treble Clef Notes



RE

Year 9 RE Revision Topics



Topic 1 – The World of Jesus

- How is life different today compared to life in the time of Jesus?
- Geography – place names and key events which happened here.
- History (Romans/Roman Centurion's Servant story/Herod/The Roman Army)
- Religion (Temple/Jesus in the Temple story/Mezuzah/Shema)

Topic 2 – Judaism

- Origins and symbols of Judaism
- Famous Jews today
- Jewish beliefs vs Christian beliefs
- Jewish Scripture: The Torah
- The Synagogue
- The Jewish Sabbath
- Kosher Foods
- The festival of Hanukkah



Topic 3 – Jesus' relationship with Others

- Meaning of word 'Disciple'
- Jesus' relationship with His Disciples (Jesus calls his Disciples)
- Names of the Disciples and their occupations
- Jesus' relationship with Women (Mary and Martha)
- Jesus' relationship with Outcasts (Tax Collectors)
- What can we learn about Jesus from how he treated others?
- How can we use Jesus' example in our lives today?

- WOW words for all topics



Science

Water

- Filtering
- Solubility
- Evaporation
- Chromatography
- Distillation

Food and Digestion

- Balanced diet
- Food tests
- Nutrients
- Digestive system
- Enzymes

Lungs and Heart

- Respiration
- Circulatory system
- Gas exchange
- Structure of lungs

Sound

- Volume and pitch
- Frequency and wavelength
- Vibrations in the ear
- Speed of sound

Solar System

- Planets
- The universe
- Seasons
- Night and day



Technology and Design

Year 9 Revision

Safety

- General Safety in the Workshop.
- Safety using machines.
- Safety signs.

Plastics

- Vacuum forming.
- Mould shapes.
- Working with acrylic.
- Shaping plastics (strip heat bender).
- Safety precautions using shaping equipment.

Mechanisms

- Types of levers.(classes 1,2 and 3)
- Everyday uses of levers.
- Identify different types of Cams and followers.

Wood

- Uses of manufactured boards.

Electronics

- LED(light emitting diode) uses in circuits.
- Conductors and insulators.
- Units in the measurement of electricity
- Resistor and resistor colour codes.
- Soldering tools and their safe use.
- Printed circuit boards (Materials used)



Year 9 Exam Timetable

(from Monday 6th June to Friday 10th June 2022)

Year 9	Session 1 P1 – 3	Session 2 P4 – 6		Session 3 P7 – 9
Mon 3 rd June	Technology 45 mins	English 1 hour		PtEnglish tests Test 13
Tues 4 th June	Drama 45 mins	Spanish 45 mins		Art 1 hour
Wed 5 th June	History 1 hour	French (9A3/4/5 only) 30 mins		RE 45 mins
Thurs 6 th June	Science 1 hour	Maths 1 hour		PtMaths tests Test 13
Fri 7 th June	Home Economics 45 mins	Music 30 mins	ICT 30 mins	Geography 1 hour

My Revision Timetable

Week beginning Mon 2nd May 2022

Time	Monday 2 nd May	Tuesday 3 rd May	Wednesday 4 th May	Thursday 5 th May	Friday 6 th May	Saturday 7 th May	Sunday 8 th May
9 – 10am							
10 – 11am							
11 – 12am							
12 – 1pm							
1 – 2pm							
2 – 3pm							
3 – 4pm							
4 – 5 pm							
5 – 6pm							
6 – 7 pm							
7 – 8pm							
8 – 9pm							
9 – 10pm							

My Revision Timetable

Week beginning Mon 9th May 2022

Time	Monday 9 th May	Tuesday 10 th May	Wednesday 11 th May	Thursday 12 th May	Friday 13 th May	Saturday 14 th May	Sunday 15 th May
9 – 10am							
10 – 11am							
11 – 12am							
12 – 1pm							
1 – 2pm							
2 – 3pm							
3 – 4pm							
4 – 5 pm							
5 – 6pm							
6 – 7 pm							
7 – 8pm							
8 – 9pm							
9 – 10pm							

My Revision Timetable

Week beginning Mon 16th May 2022

Time	Monday 16 th May	Tuesday 17 th May	Wednesday 18 th May	Thursday 19 th May	Friday 20 th May	Saturday 21 st May	Sunday 22 nd May
9 – 10am							
10 – 11am							
11 – 12am							
12 – 1pm							
1 – 2pm							
2 – 3pm							
3 – 4pm							
4 – 5 pm							
5 – 6pm							
6 – 7 pm							
7 – 8pm							
8 – 9pm							
9 – 10pm							

My Revision Timetable

Week beginning Mon 23rd May 2022

Time	Monday 23 rd May	Tuesday 24 th May	Wednesday 25 th May	Thursday 26 th May	Friday 27 th May	Saturday 28 th May	Sunday 29 th May
9 – 10am							
10 – 11am							
11 – 12am							
12 – 1pm							
1 – 2pm							
2 – 3pm							
3 – 4pm							
4 – 5 pm							
5 – 6pm							
6 – 7 pm							
7 – 8pm							
8 – 9pm							
9 – 10pm							

My Revision Timetable

Week beginning Mon 30th June 2022

Time	Monday 30 th June	Tuesday 1 st June	Wednesday 2 nd June	Thursday 3 rd June	Friday 4 th June	Saturday 3 rd June	Sunday 4 th June	
9 – 10am				OFF	OFF			
10 – 11am								
11 – 12am								
12 – 1pm								
1 – 2pm								
2 – 3pm								
3 – 4pm								
4 – 5 pm								
5 – 6pm								
6 – 7 pm								
7 – 8pm								
8 – 9pm								
9 – 10pm								

