

# Shimna Integrated College



# Summer Exams 2024 Year 10 Preparation Pack



### **Revision Hints and Tips**

#### **Revision tips**

- Start your revision in good time
- Plan a revision timetable
- Highlight homework deadlines and exam dates and times
- Plan 30 minute or maximum of one hour slots for each subject
- Revise specific topics in a subject, not the whole subject
- Cover areas from each subject several times
- Only revise a couple of topics per evening
- Leave some time to relax

Try some of these to see which work best for you

- Online resources
- Flashcards
- Mind maps
- Record information and listen back
- Post it notes
- Time lines
- Use colour to write or highlight key words and ideas in your notes
- Work with a friend to help and test each other
- Revision booklets
- Music in the background can help
- Put mobile phones away! Don't waste time on social media

Being prepared for the exam

- You'll need a couple of pens, a sharpened pencil, a rubber, a ruler and protractor
- You might want to wear a watch in the exam

Tackling the exam

- Read each question carefully
- Check how many marks are available for each question. Don't write too much or too little.
- Answer the question don't just repeat the question or write something irrelevant
- Check information in graphs and tables. Have you read it correctly?
- Check all calculations
- Check spelling. Write the answer even if you're not sure of the spelling as you may get a mark
- Write your answer if you feel confident. If not, go onto the next question. Don't spend time on questions you're unsure of until you've gone through the paper once.
- Make sure you have enough time left to tackle the questions which are worth a high number of marks, but which may be at the end of the paper.



HARD WORK AND DETERMINATION WILL GET YOU WHERE YOU WANT TO GO.

YCAREERGIRLCOM



SUBJECT	Art
PAPER TITLE	COLOURED PENCIL STUDY
LENGTH OF EXAM	1 Hour

What topics are assessed in the exam?	Students will complete a COLOURED PENCIL STUDY of a natural object for their exam.
An example of a question that could appear on the exam	The exam is a 1 hour practical exam. It will take place in normal class time with the class teacher. Students will NOT have a written exam.
What useful revision tips are there for the exam?	Use the examples in your sketchbook to practise.
What are some of the typical mistakes students make in this exam?	Starting to draw too far up the page resulting in poor composition. Starting to draw too small which makes shading and detail more difficult. Leaning too heavily on the pencil to begin with which makes it difficult to make adjustments to the drawing regarding measurements and proportions. Adding a heavy outline all the way around which flattens the form into a shape.
Which revision websites or books should I use?	Youtube Your own sketchbook
What is the teacher looking for when marking this exam?	Accurate measurements and good proportions. A good sized drawing which fills the page (good composition). Well observed details. Accurate colour and good blending. No heavy outline all the way around. Good observation of light and dark (tonal range). Neat work.



SUBJECT	Drama
Practical Exam	Duologue
LENGTH OF EXAM	5 minutes per pair

What topics are assessed in the exam?	Students will deliver a 5-minute duologue based on a given script. As this is a practical, the assessment will be taking place in normal class time.
An example of a question that could appear on the exam	The exam is a practical exam. Students will not sit a written exam.
What useful revision tips are there for the exam?	<ul> <li>Practice your duologue as much as you can. Record yourself delivering the duologue. It is always good to see and hear what it will look and sound like.</li> </ul>
What are some of the typical mistakes students make in this exam?	<ul> <li>It is really important that you deliver your duologue to the audience. Lift your head and connect with the audience. Use what you have discovered during class in relation to the style of melodrama last term to develop your acting style.</li> </ul>
Which revision websites or books should I use?	<ul> <li>Read through your Drama booklet to help you with learning your lines and familiarising yourself with the script.</li> </ul>
What is the teacher looking for when marking this exam?	<ul> <li>Connection with audience.</li> <li>Well prepared duologue.</li> <li>A focus on exaggeration as your style.</li> </ul>



SUBJECT	English
PAPER TITLE	Summer Exam 2024
LENGTH OF EXAM	One hour, thirty minutes

What topics are assessed in the exam?	Section A: Writing for audience and purpose Section B: Reading non-fiction texts
An example of a question that could appear on the exam	Section A: Write a speech for your classmates in which you argue for or against a particular topic. Section B: How does the writer use language, punctuation and a range of sentence types to express her attitude towards a particular topic? Use the PEE structure in your answer.
What useful revision tips are there for the exam?	Read your revision guide, do the practice questions and papers your English teacher will give you.
What are some of the typical mistakes students make in this exam?	<ul> <li>Not answering questions in full sentences.</li> <li>Not doing what the question asks.</li> <li>Not writing in enough detail, look carefully at the questions that have more marks and write more in response to them!</li> <li>Not using a PEE response in the questions that have more marks.</li> <li>Not planning for the writing section.</li> <li>Not taking paragraphs for each new person, place topic, etc.</li> </ul>
Which revision websites or books should I use?	The English department's Revision Guide.
What is the teacher looking for when marking this exam?	Detailed answers to questions in the reading section, supported by evidence from the text (Quotes). Personal writing should be planned and structured using paragraphs. The writing should be engaging and the student should aim to employ a range of language devices and interesting vocabulary.



SUBJECT	French
PAPER TITLE	Summer Exam 2024
LENGTH OF EXAM	One hour

What topics are assessed in the exam?	<ul> <li>This written exam will be based on two modules covering the topics:</li> <li>1. chores/earning money</li> <li>2. Food; helping the environment</li> </ul>
	There are 4 aspects to a language exam: speaking/listening/reading/writing. The speaking and listening will be done with your teacher.

Which revision websites or books should I use?	You have all the vocabulary in your notebooks. Pages 52 and 100 of Dynamo will also be very useful.
	In addition to your class notes and textbook the school has recently renewed its subscription to the French language online learning platform – linguascope. To use this resource take the following steps:
	1. go to <u>www.linguascope.com</u>
	2. The login user-name is <b>shimna</b> and the password is <b>learn@shimna</b>
	3. Select – French; Beginners;
	Mon environnement, the le recyclage
	Le monde du travail - Les tâches ménagères
	<ol> <li>Use présentation to go over the vocabulary then play any of the game formats you choose.</li> </ol>
	Here is also a link but you need to have the account registered to get in via this route.
	https://www.linguascope.com/secure/students/beginner/topic.php?language =french&topic=recycling
	In addition the complete set of vocab for the module 4 is on <u>www.quizlet.com</u> Register an account and then use the following link to practise the vocab.
	https://quizlet.com/gb/898457411/dynamo-3-module-4-flash-cards/
	Bonne Chance!



SUBJECT	Geography
PAPER TITLE	Threatened Fragile Ecosystems
LENGTH OF EXAM	1 hour

What topics are assessed in the exam?	Links in an ecosystem, food chain, producer, herbivore, decomposer, carnivore, omnivore, climate graphs. You will be given material on a fragile ecosystem and you will have to extract the relevant information to answer the questions.
An example of a question that could appear on the exam	Describing a climate and the distribution of a climate.
What useful revision tips are there for the exam?	The first part of the paper will test your knowledge of key terms and links within an ecosystem. Part 2 is an open book exam which will test your skills in extracting and using material you are provided with.
What are some of the typical mistakes students make in this exam?	Not making enough use of the resources provided. Not making good use of the time to write detailed answers.
Which revision websites or books should I use?	https://www.bbc.co.uk/bitesize/topics/zxhhvcw/articles/zjh4r2p#z2sfp4j https://www.bbc.co.uk/bitesize/guides/zwh9j6f/revision/6 https://www.bbc.co.uk/bitesize/articles/zppthcw#z6mmxbk https://www.bbc.co.uk/bitesize/topics/ztgw2hv/articles/zhh6trd#zqwwjsg https://www.bbc.co.uk/bitesize/guides/zbtj4xs/revision/4
What is the teacher looking for when marking this exam?	Your ability to make good use of the resources provided and write in sufficient detail.



SUBJECT	History
PAPER TITLE	History Summer exam
LENGTH OF EXAM	1 hour

What topics are assessed in the exam?	<ul> <li>Post-War Europe</li> <li>How were countries run after Communist and Capitalist takeovers</li> <li>How did the Nazis come to power in Germany</li> <li>How were the Jews and other minorities persecuted in Germany and during the Holocaust</li> </ul>
	Ireland's struggle for Independence
	<ul> <li>How did Ireland become part of the United Kingdom</li> <li>What was Home Rule</li> <li>Who was for/against Home Rule and why?</li> <li>What tactics did Unionists use during the Home Rule crisis?</li> <li>What did Nationalists do during Easter Week 1916?</li> <li>What were the short and long term consequences of the Easter Rising for Ireland's governance?</li> </ul>
	<ul> <li>Pre-Christmas Content</li> <li>Have a sound knowledge of factual content from before Christmas (Edwardians, Suffragettes, World War One) for short format questions.</li> </ul>
An example of a question that could appear on the exam	Section A: Multiple choice one word-answer questions Section B: Factual recall one sentence answer questions Section C: Source style questions (e.g. usefulness, reliability, what this source tells us etc) Section D: Extended paragraph explanation questions (e.g. Explain how the Home Rule Bill was finally passed)
What useful revision tips are there for the exam?	Revise all class and homework tasks, as all are included in the exam. Don't just read over your notes, but rewrite or record an abbreviated version of your notes. Highlighting key words, names, dates and events. Remember point, evidence and explain. Remember CADO for sources.
What are some of the typical mistakes students make in this exam?	Obvious student mistakes include not reading the sources and the question carefully enough and not answering the question in full detail, <i>if the question states 3 marks</i> <i>then 3 points need to be written down</i> . Be careful with timing so that each section is answered. In the multiple choice questions only use each answer provided <i>ONCE</i> .



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Which revision	Your green history book and booklets from throughout the year.
websites or books	BBC Bitesize
should I use?	(Support revision notes can be requested from the teacher if you have missing notes)
What is the teacher	Attention to detail and correct use and understanding of historical terms and events.
looking for when	For the student to have attempted all the questions.
marking this exam?	



SUBJECT	Home Economics
PAPER TITLE	Home Economics Summer exam
LENGTH OF EXAM	1 hour

What topics are assessed in the exam?	<ul> <li>This is a PRACTICAL Exam which will test your practical skills.</li> <li>The recipe will be given in advance.</li> </ul>
An example of a question that could appear on the exam	This is a dish you have made before.
What useful revision tips are there for the exam?	Once the recipe is received, you are free to practise at home.
What are some of the typical mistakes students make in this exam?	Poor hygiene and safety Failure to read, practise and execute the dish. Lack of creativity unprepared with additional ingredients (if required)
Which revision websites or books should I use?	look at you tube videos for presentation, plating, garnish and accompaniments of the dish.
What is the teacher looking for when marking this exam?	Good presentation and a successful dish. Skills executed to a high standard.



SUBJECT	Irish
PAPER TITLE	
LENGTH OF EXAM	Reading and Listening Wednesday 31st May
	Oral Thursday 1st
	Writing During Exam week

What topics are assessed in the exam?	Holidays
An example of a question that could appear on the exam	<ul> <li>Reading /Listening exam:</li> <li>The reading/listening exams will be exactly the same as the exercises in their booklets. They will have singular words and phrases and finally longer passages in Irish and they have to write them in English or answer questions based on them in English.</li> <li>Writing Exam:</li> <li>Again the writing exam will be exactly the same as the writing exercises in their booklets. They will be expected to write singular words (hobbies, adjectives, etc.) and phrases (opinions, reasons etc.) in Irish and they will also be expected to write a longer piece (100-120 words) about their hobbies.</li> <li>Speaking Exam- They are expected to answer questions about your holidays, just like they have learned in the booklet. The more they say, opinions/reasons etc. the more marks they will get.</li> </ul>
What useful revision tips are there for the exam?	<ul> <li>Reading;</li> <li>Don't just blandly read over your notes in the booklet.</li> <li>Read over them and try to translate everything word for word.</li> <li>Ask yourself questions as you go; What does this mean? Why is that there?</li> <li>Use quizlet.com to look over vocab.</li> <li>Listening;</li> <li>Listen to any listening tracks that you have.</li> <li>While practising your reading skills, try to pronounce the words as you go and think of the sounds in Irish. They are in your notes.</li> <li>Speaking;</li> <li>Make sure what you are trying to say is the truth, as close to it as possible.</li> <li>Make sure you understand, word for word, everything (at least 90%) that you are trying to say.</li> <li>When learning it off, DON'T just read over your answers. Ask yourself the question, eg. Where did you go?, and answer it in your head, thinking of both the English and Irish version.</li> <li>Writing; do all of the above but think of the spelling at the same time, especially when you are pronouncing words.</li> <li>You should also look over your notes on the sounds of Irish.</li> </ul>
What are some of the typical mistakes students make in this exam?	Using the wrong study technique. Do not write things out again and again, this does not work. To practice for anything, you need to replicate the actual event and skills that you are being tested on. To practice speaking for example, don't read words from a page, think of what you want to say and say it. While doing this you could also think of the spelling as you go which would practise writing also.



Which revision	Quizlet.com
websites or books	Irish notebook
should I use?	
What is the	Writing exam: try to spell the words as well as possible. Please write as much
teacher looking	as possible even if you are unsure of the spelling!! You will get more marks for
for when marking	a word spelt wrongly than a word you haven't tried to write at all
this exam?	Reading / Listening exam: The correct answers
	Speaking Exam; The more you say the better, simple as that.



SUBJECT	Mathematics 10CMS Ms Caulfield
PAPER TITLE	Summer Exam
LENGTH OF EXAM	Two 1 hour exams and possible 1 hour extension paper

What taries are	Damar 1
What topics are assessed in the	Paper 1
exam?	<ul> <li>Matric units – kg. g. mg – km. m. cm. mm.atc.</li> </ul>
CAUTT.	<ul> <li>Metric units – kg, g, mg – km, m, cm, mm etc.</li> <li>Types of angles – acute, right, obtuse, reflex</li> </ul>
	Measuring angles
	Interpreting tables
	Recognise patterns within number sequences
	• Square numbers, cube numbers, triangular numbers, prime numbers
	<ul> <li>Understand the use of the symbols &lt;, &gt;, = etc.</li> </ul>
	Solve money and number problems given information in tables
	<ul> <li>Algebra: form basic algebraic equations, simplify expressions and solve equations</li> </ul>
	<ul> <li>Drawing pie charts and completing tally charts and bar charts</li> </ul>
	<ul> <li>Problems involving time</li> </ul>
	<ul> <li>Ratio: basic ratio problems, dividing values in a given ratio</li> </ul>
	Constructing triangles
	<ul> <li>Labelling of a circle and finding the circumference and area of a circle</li> </ul>
	<ul> <li>Fractions, decimals and percentage problems</li> </ul>
	Straight line graphs
	Paper 2
	<ul> <li>Angles in parallel lines: alternate, corresponding &amp; vertically opposite angles</li> </ul>
	<ul> <li>Fractions, decimals &amp; percentages</li> </ul>
	Rounding and estimation
	<ul> <li>Stem &amp; leaf diagrams: draw and interpret.</li> </ul>
	<ul> <li>Mean, median, mode and range</li> </ul>
	Simplifying algebra
	Circumference & area of circles
	<ul> <li>Sequences: term-to-term rule &amp; position-to-term rule</li> </ul>
	<ul> <li>Solve problems involving ratio</li> </ul>
	<ul> <li>Probability</li> </ul>
	Equations of straight lines
	<ul> <li>Transformations: rotations, reflections, translations &amp; enlargement</li> </ul>
	<ul> <li>Area of squares, rectangles, parallelograms and triangles</li> </ul>
	<ul> <li>Solving equations</li> </ul>
	<ul> <li>Pythagoras' theorem</li> </ul>
	<ul> <li>Interpret information given in a bar chart</li> </ul>
	<ul> <li>Use formulae to solve problems</li> </ul>
	Extension Paper



<ul> <li>Probability table</li> <li>Trial and improvement</li> <li>Area of a kite</li> <li>Standard form</li> <li>Factorising an expression</li> <li>Expanding brackets</li> <li>Compound interest</li> <li>Currency exchange</li> <li>Area of a circle</li> <li>Box plot graphs</li> <li>Solving inequalities</li> <li>Trigonometry</li> <li>Prime factors</li> <li>Forming equationsGrouped frequency table - estimate for the mean</li> <li>Bearings</li> <li>Solving simultaneous equations</li> </ul>
Questions will be similar to the consolidation exercise questions at the end of each chapter in the textbook. These exercises would be good revision practice.
<ul> <li>Read questions carefully</li> <li>Show working out neatly and clearly</li> <li>Use pencil and a ruler for diagrams and charts</li> <li>Bring correct equipment; pen, pencil, ruler, protractor, compass and calculator</li> </ul>
<ul> <li>Not showing working</li> <li>Writing money to 2 decimal places</li> <li>5<sup>2</sup> means 5x5 not 5x2</li> <li>Be careful when working with negative numbers</li> </ul>
www.mymaths.co.uk BBC Bitesize Mathematics notebook Exam revision booklets
Clear workings and correct answers. Clearly labelled and drawn diagrams. Show all construction lines.



SUBJECT	Mathematics 10BD Ms Quinn & 10CMS Ms Mathieu
PAPER TITLE	Summer Exam
LENGTH OF EXAM	Two 1 hour exams

What topics are	
assessed in the	Paper 1
exam?	<ul> <li>Rounding numbers, (nearest 10, 100, 1000 etc.)</li> </ul>
	<ul> <li>Reading and interpreting information given in tables, bar charts,</li> </ul>
	conversion graphs etc.
	<ul> <li>Completing tally charts and bar charts</li> </ul>
	Identify quadrilaterals
	• Volume of shapes by counting the cubes used to form the shape
	• Finding the rule used for given values or working out values if you are
	given a rule
	Number problems
	<ul> <li>Area &amp; perimeter of squares, rectangles, and other given shapes</li> </ul>
	<ul> <li>Averages: mean, median, mode &amp; range</li> </ul>
	• Line symmetry
	<ul> <li>Fractions, decimals &amp; percentages</li> </ul>
	Recognise number patterns
	<ul> <li>Understand mathematical language: parallel, perpendicular,</li> </ul>
	congruent, equilateral, isosceles, scalene etc.
	Paper 2
	<ul> <li>Metric units – kg, g, mg – km, m, cm, mm etc.</li> </ul>
	<ul> <li>Types of angles – acute, right, obtuse, reflex</li> </ul>
	Measuring angles
	Interpreting tables
	<ul> <li>Recognise patterns within number sequences</li> </ul>
	<ul> <li>Square numbers, cube numbers, triangular numbers, prime numbers</li> </ul>
	<ul> <li>Understand the use of the symbols &lt;, &gt;, = etc.</li> </ul>
	<ul> <li>Solve money and number problems given information in tables</li> </ul>
	<ul> <li>Algebra: form basic algebraic equations, simplify expressions and solve</li> </ul>
	equations
	<ul> <li>Drawing pie charts and completing tally charts and bar charts</li> </ul>
	<ul> <li>Problems involving time</li> </ul>
	<ul> <li>Ratio: basic ratio problems, dividing values in a given ratio</li> </ul>
	<ul> <li>Constructing triangles</li> </ul>
	<ul> <li>Labelling of a circle and finding the circumference and area of a circle</li> </ul>
	<ul> <li>Fractions, decimals and percentage problems</li> </ul>
	<ul> <li>Straight line graphs</li> </ul>



An example of a question that could appear on the exam	Calculate 2/3 of £24.00 ?
What useful revision tips are there for the exam?	<ul> <li>Read questions carefully</li> <li>Show working out neatly and clearly</li> <li>Use pencil and a ruler for diagrams and charts</li> <li>Bring correct equipment; pen, pencil, ruler, protractor and calculator</li> </ul>
What are some of the typical mistakes students make in this exam?	<ul> <li>Not showing working</li> <li>Writing money to 2 decimal places</li> <li>5<sup>2</sup> means 5x5 not 5x2</li> <li>1 is not a prime number</li> </ul>
Which revision websites or books should I use?	www.mymaths.co.uk BBC Bitesize Mathematics notebook Exam revision booklets
What is the teacher looking for when marking this exam?	Clear workings and correct answers. Clearly labelled and drawn diagrams.



SUBJECT	Mathematics 10BD Ms Mills/Ms Mathieu & 10CMS Ms Quinn/Ms Kelly
PAPER TITLE	Summer Exam
LENGTH OF EXAM	Two 1 hour exams

What topics are	Paper 1
assessed in the	<ul> <li>Reading and interpreting information from line graphs, bar charts,</li> </ul>
exam?	calendars, pictograms etc.
	• Completing tally charts, line graphs, bar charts, pictograms etc.
	<ul> <li>Reading scales and understanding the use of units – speed,</li> </ul>
	temperature, length, weight, height etc.
	<ul> <li>Understand the use of the symbols &lt;, &gt;, = etc.</li> </ul>
	<ul> <li>Selecting the relevant information from a table of data to solve problems.</li> </ul>
	<ul> <li>Number and place value</li> </ul>
	<ul> <li>Co-ordinates - read and identify co-ordinates</li> </ul>
	• Sequences: Identify a pattern within a sequence and complete any
	missing values, find the term-to-term rule for a sequence given a set a
	values
	<ul> <li>Angles: Acute, obtuse, reflex, right angles</li> </ul>
	<ul> <li>Directions: North, south, east, west etc.</li> </ul>
	• Time and problems involving time: 12 and 24-hour clock, units of time
	– days, hours, minutes, seconds
	Lines of symmetry
	<ul> <li>Problems involving money – e.g. calculating the total bill, change</li> </ul>
	required
	Fractions
	<ul> <li>Identify and know the properties of shapes – triangles and</li> </ul>
	quadrilaterals
	Paper 2
	<ul> <li>Rounding numbers, (nearest 10, 100, 1000 etc.)</li> </ul>
	<ul> <li>Reading and interpreting information given in tables, bar charts,</li> </ul>
	conversion graphs etc.
	<ul> <li>Completing tally charts and bar charts</li> </ul>
	Identify quadrilaterals
	<ul> <li>Volume of shapes by counting the cubes used to form the shape</li> </ul>
	• Finding the rule used for given values or working out values if you are
	given a rule
	Number problems
	<ul> <li>Area &amp; perimeter of squares, rectangles, and other given shapes</li> </ul>



	<ul> <li>Averages: mean, median, mode &amp; range</li> <li>Line symmetry</li> <li>Fractions, decimals &amp; percentages</li> <li>Recognise number patterns</li> <li>Understand mathematical language: parallel, perpendicular, congruent, equilateral, isosceles, scalene etc.</li> </ul>
An example of a question that could appear on the exam	Calculate 2/3 of £24.00 ?
What useful revision tips are there for the exam?	<ul> <li>Read questions carefully</li> <li>Show working out neatly and clearly</li> <li>Use pencil and a ruler for diagrams and charts</li> <li>Bring correct equipment; pen, pencil, ruler, protractor and calculator</li> </ul>
What are some of the typical mistakes students make in this exam?	<ul> <li>Not showing working</li> <li>Writing money to 2 decimal places</li> <li>5<sup>2</sup> means 5x5 not 5x2</li> <li>1 is not a prime number</li> </ul>
Which revision websites or books should I use?	www.mymaths.co.uk BBC Bitesize Mathematics notebook Exam revision booklets
What is the teacher looking for when marking this exam?	Clear workings and correct answers. Clearly labelled and drawn diagrams.



SUBJECT	Music
There is <b>NO</b> Year 10	) Summer exam. Instead, students will complete a project during class time and at home in May. Projects will be completed individually.

Project Title	Music in the 20 <sup>th</sup> / 21 <sup>st</sup> Century All students have been given a copy of the requirements.
Projects to Include:	<ul> <li>Title page</li> <li>Contents page</li> <li>Introduction</li> <li>Blues</li> <li>Jazz</li> <li>And then 4 other sections (student choice)</li> <li>Conclusion</li> </ul>
Useful tips	This is an excellent opportunity for you to research and tell me about the music/artists/ songs that mean something to you. Personalise it. Your work may be handwritten, or word processed, or a mixture of both. Don't be afraid to add colour and express yourself. Get ideas from exemplar projects.
Hand in date:	The hand-in dates for each class may be different. Each class has been given their specific hand-in date.



SUBJECT	Religious and Integrated Studies
PAPER TITLE	Religious Conflict
LENGTH OF EXAM	45 minutes

What topics are assessed in the exam?	<ol> <li>Islam         <ul> <li>The burka debate</li> </ul> </li> <li>Conflict in Northern Ireland         <ul> <li>Evaluating the Good Friday Agreement</li> </ul> </li> <li>Sex and Relationships         <ul> <li>The age of consent</li> </ul> </li> <li>Choices and Impacts             <ul> <li>Impact of decriminalising drugs</li> </ul> </li> </ol>
An example of a question that could appear on the exam	<i>"The Good Friday Agreement has succeeded in its aims."</i> Do you agree or disagree? Give <b>two fully developed</b> reasons for your answer showing that you have thought about more than one point of view.
What useful revision tips are there for the exam?	<ul> <li>Practice using P.E.E. (point, evidence, explain)</li> <li>Create flash cards of key pieces of information</li> <li>Explain key concept to others (perhaps your parents) and answer their questions. Nothing aids learning like teaching.</li> <li>Create tables of arguments for and against a variety of statements (given in class) to develop critical thinking skills.</li> </ul>
What are some of the typical mistakes students make in this exam?	Students often fail to give examples when making points which costs marks. Students sometimes do not read the question carefully enough and so their answer is not on task.
Which revision websites or books should I use?	Everything you need is in your RE book – ensure that this is up to date.
What is the teacher looking for when marking this exam?	I am looking for evidence of good quality revision. I am also looking for students who can have strong opinions and can also back this up with evidence.



SUBJECT	Science
PAPER TITLE	Science
LENGTH OF EXAM	1 Hour

What topics are assessed in the exam?	<ul> <li>Biology</li> <li>Organisation of multicellular organisms: from cells to tissues to organs to systems to organisms.</li> <li>Organ systems in animals: <ul> <li>digestive</li> <li>respiratory – gas exchange oxygen for carbon dioxide in lungs</li> <li>skeletal</li> <li>circulatory</li> <li>excretory</li> <li>Reproduction in animals - birth</li> </ul> </li> <li>Food chains</li> </ul>
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# Chemistry

Materials Properties and uses of everyday materials

Classification solid, liquid, gas; acid, neutral, alkali; element, compound, mixture

**Periodic Table** -the varying physical and chemical properties of different elements periods and groups

Separating techniques – chromatography

## **Chemical reactions**

writing word equations for chemical reactions

combustion, thermal decomposition, oxidation, reduction, displacement, and neutralisation reactions

Endothermic and exothermic reactions

pH scale for measuring acidity/alkalinity; and indicators

States of matter - change in state of water



	Physics
	Motion - average speed, distance-time graphs
	Energy - Renewable energy and non-renewable energy
	<b>Forces</b> -Forces as pushes or pulls, effects of forces, Using force arrows in diagrams, adding forces in one dimension, balanced and unbalanced forces
	Electricity - simple circuit diagram
	Magnetism - electromagnets
	Light - shadows
	<b>Space</b> - solar system, names of planets, orbital motion around Sun.
	Also, for those taking <u>Tier C</u> papers:
	<b>Plant and animal cells</b> structure and function; including cell wall, cell membrane, cytoplasm, nucleus, nuclear membrane, chromosomes vacuole, and chloroplasts
	<b>Classification</b> – putting organisms into group using keys and observable features
	Sound
An example of a question that	Which organ filters waste products and excess water from the blood?
could appear on the exam	Electric wiring is made of copper coated in PVC. Explain how the properties of these materials make them suitable for this use.
	Use a distance time graph to find how far a person moved and how long they took. Calculate their average speed.



What useful revision tips are there for the exam?	Each topic workbook has a list of learning objectives. So learn those objectives and tick them off as you do. You may have studied up to 8 topics this year. Go over your year 10 science notebook, and also years 9 and 8. Go over the topic test papers you have completed, the questions in the exam will be similar.
What are some of the typical mistakes students make in this exam?	Rushing. Often you need to take a little time to work the question so that you select the right answer. Lack of revision. Answers that show a student has not learnt the basic facts. Lack of practice. You also need to practice lots of questions. You can find these in your workbooks, topic tests and your teacher may give you practice papers. Review these to find what your strengths and weaknesses are.
Which revision websites or books should I use?	<ul> <li>BBC Bitesize KS3 Science <u>https://www.bbc.co.uk/bitesize/subjects/zyxyvwx</u></li> <li>A great resource that covers everything.</li> <li>A Google classroom for your Science class. This may have links to YouTube videos, specific Bitesize topics and other helpful resources.</li> <li>Your Science topic tests will be invaluable as they will contain similar questions that you could be asked in your summer exam.</li> </ul>
What is the teacher looking for when marking this exam?	Thorough <b>knowledge</b> of the science content – key terms, definitions, equations, etc Capability to <b>apply</b> your knowledge – using a formula to calculate an answer, describing how to use equipment to do an experiment, drawing a graph from data, etc

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SUBJECT	Technology and Design
PAPER TITLE	
LENGTH OF EXAM	1 hour

What topics are assessed in the exam?	Things you will need to have for the exam Blue/black pen 300mm Ruler Pencils Colour Pencils Rubber Revision Topics Classifications of plastic and woods Classifications of plastic and woods Different types of metals knowing their uses and classification Be able to work out Mechanical Advantage, when given the equation 4 stages of finishing plastic understand a working drawing
An example of a question that could appear on the exam	
What useful revision tips are there for the exam?	Follow revision booklet to the letter.
What are some of the typical mistakes students make in this exam?	Make sure you are answering all of the questions.
Which revision websites or books should I use?	
What is the teacher looking for when marking this exam?	Good use of technological terms with good spelling and grammar in your answers. Also, neat and well rendered design answers.



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Revision timetable Week 3 Name Class								

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