

Thornhill College

Junior School Revision Guide Jan/Feb 2020



YEAR 8



Table of Contents

Exam Timetable.....	3
Exam Regulations for Pupils.....	4
Plan your Revision	5
How to Revise	6
Year 8 English	7
Year 8 Maths	8
Year 8 Science	9
Year 8 RE	11
Year 8 History	12
Year 8 Geography	13
Year 8 Gaeilge/Irish	14
Year 8 Spanish	15
Year 8 French.....	16
Year 8 Technology & Design.....	17
Year 8 Home Economics	18

Exam Timetable

YEAR 8		
Wednesday 29 th January	Irish	9.25 – 11.00
	History	11.35 – 12.35
	Science	2.55 – 3.40
Thursday 30 th January	French	9.30 – 10.20
	T&D	11.50 – 12.35
	Spanish	1.30-2.30
Friday 31 st January	Study Day	
Monday 3 rd February	English	11.35 – 12.35
	Geography	2.40 – 3.40
Tuesday 4 th February	Maths	11.35 – 12.35
	Religion	2.50 – 3.40

Exam Regulations for Pupils

- On arrival at school, pupils should go to their allocated test room.
- Pupils must be in their appointed room throughout the session.
- Bags etc. must be left in a suitable area.
- Writing paper will be supplied. Pupils must bring all other necessary materials e.g. pen, pencil, rubber, ruler, calculator.
- Smart watches are not permitted and should be removed.
- The borrowing of materials will not be allowed.
- Pupils must be seated alphabetically.
- Only writing materials required for the test should be on the desk.
- There must be no communication between pupils once a test has begun.
- A pupil should raise her hand to attract the attention of the supervisor.
- Except in an emergency, no pupil is allowed to leave the room during a test.
- There is no breaktime during the tests. Where there is an interval between the tests, the supervisor may allow pupils out to the toilet one or two at a time. Pupils are expected to go to the nearest toilets and to return directly. Pupils should move quietly to and from the toilets, as other tests will still be going on.
- Lunchtime will run from 12.35 to 1.15. Pupils should use the Cafeteria or Junior Study as normal. All pupils must arrive back from lunch promptly.
- If a pupil indulges in unfair practice, the supervisor will take her paper and tell her to start again. Both papers will be given to the subject teacher but no mark or grade will be awarded.
- It is considered a very serious offence for a pupil to be absent for a test. Medical certificates will, of-course, provide acceptable evidence regarding absence.
- When a pupil has an exam during any session they are expected to be in the exam room/hall for the full length of the **session** regardless of when her particular exam starts/finishes. Pupils are advised to bring study material while waiting for their exam to start.

Plan your Revision

Planning and preparation is key to exam success. It is therefore essential that you plan your revision carefully to ensure adequate time to cover all the necessary material. A good way of doing this is to create a structured timetable allowing time to revise of all subjects as well as some relaxation time.

- Be focused: 45 minutes working followed by 15 minutes' break is a good starting point.
- Share your revision plan with friends/family then you are more likely to stick to it
- Be realistic and plan time away from your work to avoid burn-out.
- Don't worry about other students' revision plans, everyone does it differently!

Time Slot					
Monday					
Tuesday					
Wednesday					
Thursday					
Friday					
Saturday					
Sunday					

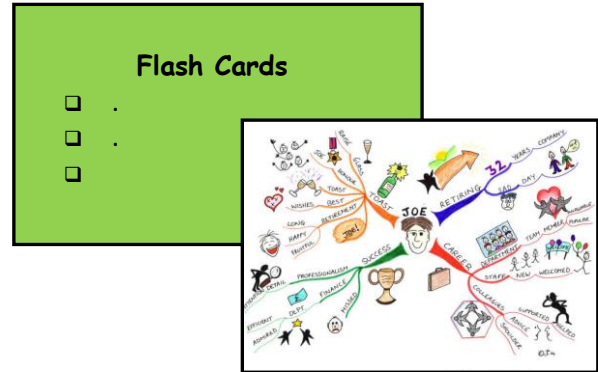
How to Revise

There are three easy steps to revise effectively.

1. The first step is to try change. By changing what is in our exercise books or textbooks into a different form, we kick start our brains into action – we start thinking about new ways of presenting and digesting the information and start learning.

Ways to change things:

- Spider diagrams
- Time-lines (for history)
- Mind maps
- Charts and flowcharts (for processes)
- Record yourself and play it back
- Flash cards
- Mnemonics
- Acronyms



2. We work best when we are faced with a challenge.



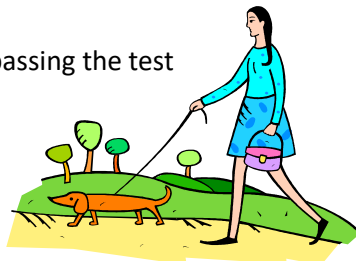
- Challenge yourself to really sort out a topic that you have found difficult.
- Taking a new approach creating a mnemonic or Mind Map may help
- Get someone to test you after you have learned something new.
- We learn extremely well when we have to teach someone else –try teaching one of your parents, a brother or sister or even your friends.
- Get them to ask you questions about what you have just taught them.

3. Don't forget to allow yourself some treats. Break up your revision sessions and plan some treats to look forward to: fruit, chocolate, a hot drink, glancing at a magazine, going for a walk...whatever will motivate you.



Relaxation is important to help you stop feeling the pressure of tests and getting stressed. Find a simple technique that works for you and practice using it when you are stressed or can't sleep.

- A warm bath
- Visualising yourself passing the test
- Brain gym exercises
- Deep breathing
- Mindfulness
- Meditating
- Going for a walk



Year 8 English	
Assessment Information	<ul style="list-style-type: none"> • 100% Examination • Duration of exam: 1 hour
Revision Topics	<ul style="list-style-type: none"> • Comprehension • Creative Writing
Study Resources	<ul style="list-style-type: none"> • Comprehension workbook • Creative Writing Workbook • Reading any fiction book of a good standard
Style of Questions	<ul style="list-style-type: none"> • You will be asked a range of short questions on the comprehension followed by a few extended questions. • You will be asked to write a Creative Story.
Tips for Exam Success	<ul style="list-style-type: none"> • Write in full sentences and give as much detail as possible. • In your creative writing ensure you have an interesting opening and conclusion to engage the reader. • In your Creative Writing, use a wide range of vocabulary to engage the reader. • Read over your work and check spelling, punctuation and grammar. • Make sure that you know how many marks each question is worth and spend the appropriate amount of time on it. • Use BBC Bitesize KS3 Comprehension and KS3 Creative Writing
Exam Equipment	<ul style="list-style-type: none"> • Black pen • Additional pen/highlighter for annotation

Year 8 Maths	
Assessment Information	<ul style="list-style-type: none"> • 1 Hour Exam • Overall mark: 100% exam
Revision Topics	Unit 1: Number Work Unit 2: Decimals Unit 3: Angles Unit 4: Area, Perimeter and Volume
Study Resources	<ul style="list-style-type: none"> • Notebook and exercise book • Unit booklets for each topic • Revision booklet
Style of Questions	<ul style="list-style-type: none"> • Past paper questions (similar to other assessments and tests).
Tips for Exam Success	<ul style="list-style-type: none"> • Use the YSBAT sheet on the first page of every unit booklet to help revise the key points for each topic. • Go over all the examples in your notebook, learn the methods and do lots of questions when revising. • Read all questions carefully. • Use any remaining time during the exam to check your answers and calculations. • Always remember to show your full working out! • www.corbettmaths.com has short video clips that may be useful revision
Exam Equipment	<ul style="list-style-type: none"> • Pen • Pencil • Ruler • Rubber • Calculator • Protractor • Compass

Year 8 Science	
Assessment Information	100% Examination e.g. 45 minutes 75 marks
Revision Topics	<p><u>Lab safety</u></p> <ul style="list-style-type: none"> to develop an awareness of the importance of safety in the laboratory to assess potential risk including the hazards associated with chemicals labelled with international chemical hazards labelling. The following hazard symbols should be known: toxic, corrosive, flammable, explosive and caution. Be familiar with the apparatus needed to measure the temperature of boiling water (be able to draw desired apparatus) the safe use and appropriate flame of the Bunsen Burner. be able to correctly measure volume from eye-level at bottom of meniscus <p><u>Solids, Liquid and Gases</u></p> <ul style="list-style-type: none"> to classify different materials as solids, liquids or gases that some materials can be much harder to classify how particles are arranged in solids, liquids and gases how particles move in solids, liquids and gases State the changes of state with examples e.g. melting, evaporating (boiling), condensation, freezing, sublimation, reverse sublimation (sublimation limited to iodine and dry ice). the observations when solid iodine sublimes on heating and when reverse sublimation occurs changes of state in terms of energy in or energy out to the particles. <p><u>Cells</u></p> <ul style="list-style-type: none"> that organisms are made up of organs, systems, tissues and cells the names and functions of some organs in animals and plants Recognise cells from micrographs how to use a microscope and prepare simple slides how to draw specimens seen using a microscope under different magnifications. the structure of a typical animal cell and plant cell the functions of cytoplasm, nucleus, cell membrane, cell wall, vacuole and chloroplast. Recall that chloroplasts are responsible for photosynthesis (equation not required) the structures and functions of some specialised cells; limited to ciliated cell, red blood cell, plant cell, root hair cell, nerve cell, egg cell and sperm cell. that new cells are produced by division of existing cells State reasons for cell division <p><u>Acids and Alkalis</u></p> <ul style="list-style-type: none"> the names of some everyday acids and alkalis e.g. vinegar, fizzy drinks, oven cleaner, bleach, toothpaste etc unknown chemicals should not be tested by taste the safe use of chemicals in the laboratory

Year 8 Science	
Revision Topics Continued	<ul style="list-style-type: none"> Recap Hazard symbols and their use. The following hazard symbols should be known: toxic, corrosive, flammable, explosive and caution. indicators change colour when placed in acids or alkalis the names of some common acids and alkalis used in the laboratory the colours shown by full range universal indicator, red/blue litmus and everyday indicators e.g. red cabbage, beetroot etc the pH scale, how to use it if equal volumes of acid and alkali are mixed a neutral solution is made and the temperature change shows that a chemical reaction has taken place and that this reaction is called neutralisation how to plan an investigation into antacid tablets Define a variable to include dependent, independent and control variable
Study Resources	<p>Usual equipment for Science class</p> <p>See Revision Question Assessment Booklet</p>
Style of Questions	<p>Similar to end of topic tests.</p>
Tips for Exam Success	<p>If you are not sure how to answer a question move on and go back to it as you may jog your memory as you work through your paper.</p> <p>Check your answers</p> <p>Make sure that you know what each question is worth</p>
Exam Equipment	<p>Pencil, ruler, pens, rubber, sharpener, calculator & protractor</p>

Year 8 RE	
Assessment Information	<ul style="list-style-type: none"> • 100% Examination 50 minutes • Test is made up of knowledge, understanding and evaluation questions
Revision Topics	<ul style="list-style-type: none"> • Catherine Mc Auley (Booklet and classwork) Dates and important information about her life School Crest and Mercy Cross Parable of the Sheep and Goats Corporal Works of Mercy Meaning of her life for us today • The Bible (text book p22-41 and work book p7-22) Key facts The story of Abraham and Sarah Stages in writing the bible Symbols for Gospel writers The Man with Leprosy What we learn from the Bible. • Baptism and Confirmation (text book p42-51 and workbook p27-31) The Seven Sacraments Rite of Baptism Things used and their symbolism Importance of Baptism & Confirmation Fruits/gifts of the Holy Spirit • Sikhism (Sikhism booklet and classwork) General information about Sikhism Key facts The Naming Ceremony The 5 K's
Study Resources	<ul style="list-style-type: none"> • Text book, Work book, Exercise book, • Catherine Mc Auley Booklet and Sikhism Booklet
Style of Questions	<ul style="list-style-type: none"> • There will be a range of questions from short answer, multiple choice, fill in the blanks, label diagrams, questions to assess understanding and evaluation. • There are 4 sections in total, marks are stated at the end of each question. • Answer questions according to the marks awarded, develop answer according to mark e.g. If there are 2 marks awarded explain two points that answer the question, if there are 6 marks awarded include 6 points that answer the question.
Tips for Exam Success	<ul style="list-style-type: none"> • Read over all of your class notes and workbook pages • Use your revision power points for guidance • Write in full sentences • Check your answers • Proof read and spell check • Make sure that you know the mark that each question is worth e.g. 5 • When answering evaluation questions give two points of view, give arguments for that statement and arguments against the statement. Support your answers with examples.
Exam Equipment	<ul style="list-style-type: none"> • Black pen

Year 8 History	
Assessment Information	<ul style="list-style-type: none"> • 1 Hour Exam
Revision Topics	<p><u>PRIMARY OR SECONDARY SOURCES {page 5}</u></p> <p><u>NORMAN INVASION (pages 5-18):</u></p> <ul style="list-style-type: none"> • Why was there an argument about who should be King in 1066? • Why did Duke William of Normandy believe that he should be the king? • Normandy. • Why did the Witan elect Harold Godwinson as their king? • Battle of Stamford Bridge. • Battle of Hastings <ul style="list-style-type: none"> ➢ Why and how was it fought? ➢ Contrast the soldiers in the two armies. <p><u>CASTLES (pages 20-25):</u></p> <ul style="list-style-type: none"> • Motte & bailey castles. • Stone keeps. • King John & the siege of Rochester Castle. • How to attack a stone keep like Rochester Castle <ul style="list-style-type: none"> ➢ Siege engines (or machines) ➢ Siege mining <p><u>MANORS (pages 26-34):</u></p> <ul style="list-style-type: none"> • What was a manor? • The three field system • The villeins's work • A swine herd • Villein's house and food <p><u>BLACK DEATH (pages 36-41):</u></p> <ul style="list-style-type: none"> • What were the real causes of the Black Death? • What did medieval people think caused the Black Death? • What were the symptoms of the Black Death? • Attempted remedies? • What were the results of the Black Death?
Study Resources	<ul style="list-style-type: none"> • Textbook and exercise book
Style of Questions	<ul style="list-style-type: none"> • A range of question types.
Tips for Exam Success	<ul style="list-style-type: none"> • Revise the key points for each topic. • Read all questions carefully.
Exam Equipment	<ul style="list-style-type: none"> • Blue and red pen

Year 8 Geography	
Assessment Information	<ul style="list-style-type: none"> • 100% Examination - 1 hour Exam • There will be 3 marks on the test for QWC (Quality of Written Communication)
Revision Topics	<p><u>Topic 1 - What is Geography?</u></p> <ul style="list-style-type: none"> • Physical, Human & Environmental Geography • Threatened, Endangered & Extinct Animals • W.W.F. & other Conservation Groups <p><u>Topic 2 -Where Do I Live?</u></p> <ul style="list-style-type: none"> • Political & Physical Maps • 7 Continents & 7 Oceans • Ireland, U.K., Great Britain & British Isles • Cities and Capital Cities of Great Britain & Ireland • Derry <p><u>Topic 3 - The Water Cycle</u></p> <ul style="list-style-type: none"> • Water / Hydrological Cycle • River Basin • Floods <p><u>Topic 4 - Hazards</u></p> <ul style="list-style-type: none"> • Natural & Human Hazards • Tsunami • 2004 Boxing Day Tsunami Case Study • Aid • Reducing the Hazard of Tsunamis
Study Resources	<ul style="list-style-type: none"> • The specific learning objectives are outlined for each topic in your YSBAT's • Textbook "New Key Geography Foundations" • Notes and worksheets in your exercise book • Geography exam revision booklet
Style of Questions	<ul style="list-style-type: none"> • Label / names locations on maps • Match up keywords and definitions • Give definitions • Label diagrams (eg The Hydrological Cycle) • Provide extended answers
Tips for Exam Success	<ul style="list-style-type: none"> • Check you can do everything on your YSBAT's • Write in full sentences • Take care with spelling, punctuation and grammar • Use resource material (graph / text etc) and quote it to support your answer • Read through your work when you have finished and check your answers • Judge the detail needed in answers by the marks available for the question • Take care when spelling key geographical terms
Exam Equipment	<ul style="list-style-type: none"> • Pencil, ruler, pens, rubber, sharpener, colouring pencils • Black or blue pen for writing

Year 8 Gaeilge/Irish	
Assessment Information	<ul style="list-style-type: none"> • Labhairt/Speaking 70% - will be done during the week of the school exams in January. • Eisteacht/Listening 30% will be done in class before Christmas
Revision Topics	<ul style="list-style-type: none"> • Tús Maith/Comhrá - greetings, conversations, unpack mála scoile etc! • Mé Féin / Myself • Uimhreacha / Numbers 1-100 • An clog / The clock • Dathanna / Colours • An maith leat ... ? / Is maith liom, ní maith liom .. • Scoil – Classroom Language, orders! Ag cur báistí arís !! <p>** Specific Revision for Scríobh/Writing = Foghlaim Litriú/Learn Spelling!</p> <ul style="list-style-type: none"> • Numbers 1-10 Colours • Classroom items - your class teacher will advise you in advance. • Comhrá/Conversations - your class teacher will advise you in advance.
Study Resources	You should use your Leabhar Gaeilge, Department Booklets and worksheets to help you with your revision. Remember that you will be examined in 3 Key Skills.
Style of Questions	<ul style="list-style-type: none"> • Oral questions – good pronunciation of answers. • Recognise meanings of items in Irish plus gap/column filling. • Match words correctly to pictures and prompts. • Translate words from Irish to English. • Spell items correctly in Irish and write full answers to prompts.
Tips for Exam Success	<p>The topic areas you will need to revise for your February Examinations are outlined above, in both Irish and English. Perhaps you could revise one or two 'Bullet Points' per night and the following day ask your Irish teacher any questions you might have. Irish teachers will be more than willing to help you with any material you do not understand. Tick off the topic areas when you know them.</p> <p>You could also ask a member of your family or extended family who can speak some Irish to help you or test you. Practise the Irish you are learning/revising by trying to speak/use it more around the house/school in practical situations – with your family, classmates, friends or Irish teachers. All this will help you do well in your Irish examinations, particularly in your Labhairt/Speaking.</p> <p style="text-align: right;">Ádh Mór Ort!</p>
Exam Equipment	<ul style="list-style-type: none"> • Pen

Year 8 Spanish	
Assessment Information	<ul style="list-style-type: none"> • Leer (Reading) 20 minutes • Escribir (Writing) 25 minutes
Revision Topics	<p><u>UNIDAD 1</u> Greetings ¿Cómo te llamas? 1A ¿Qué tal? 1A Números 1-30 1C, 2C ¿Cómo se escribe tu nombre/ apellido? 1B ¿Cómo se dice? 1C Los días de la semana 1D</p> <p><u>UNIDAD 2</u> ¿Tienes...? Tengo un/ una No tengo 2A Objetos en clase 2B Las instrucciones 2B Los meses 2C Las fechas 2C Los plurales</p> <p><u>UNIDAD 3</u> ¿Tienes hermanos? Tengo ... 3A ¿Cuántos años tienes? 3C ¿Cuándo es tu cumpleaños? 3C</p>
Study Resources	<p>¡Mira! Text book Classwork and Homework</p>
Style of Questions	<ul style="list-style-type: none"> • HABLAR (Speaking) 20% (done in class) 9 questions asked. • LEER (Reading) 40% (Understand all words from Spanish to English) Match up questions and answers/ Choose the correct word/ Put into order /True or false/ Gap filling • ESCRIBIR (Writing) 40% Gap fill/ Writing lists/ Answering questions
Tips for Exam Success	<ul style="list-style-type: none"> • Check your answers • Proof read and spell check • Watch accents • Make sure that you know what each question is worth e.g. 5 • Keep an eye on the time
Exam Equipment	<ul style="list-style-type: none"> • Pencil, ruler, pens, rubber, sharpener • Colouring pencils

Year 8 French	
Assessment Information	Reading and Writing – 1 hour Speaking Exam – 5 mins (in class)
Revision Topics	Moi – personal details – name, age, birthday (see sentence builder) Where I live and nationality Brothers and sisters (names, age) Pets Colours Likes and dislikes Items in pencil case Items in school bag Items in classroom
Study Resources	Exercise Books Cahiers d'Activités (including <i>Expressions-Clés</i> section) word-reference.com (online dictionary)
Style of Questions	Speaking Test - question and answer with teacher Reading and Writing Test – Gap-filling, Reading Comprehension, completing words and sentences, translating sentences from French into English and from English into French.
Tips for Exam Success	Quizlet app, PowerPoints, etc. on Google Classroom
Exam Equipment	Answers must be completed in BLACK or BLUE pen.

Year 8 Technology & Design	
Assessment Information	<ul style="list-style-type: none"> • 45 minutes Exam • Overall mark: 100% exam
Revision Topics	<ul style="list-style-type: none"> • Be able to connect the 'BASICS' model to you lessons and learning in Technology and Design. (<i>See/Study page 1 of your T&D booklet.</i>) • Know and be able to apply the Department's safety rules. (<i>See/Study page 9 of your T&D booklet.</i>) • Know the four T&D areas of study. (<i>See page 24 of your T&D booklet.</i>) • Know the essential activities in each of the areas of study and be able to explain in your own words how they may be linked to your studies in Technology and Design. (<i>See/Study page 24 of your T&D booklet.</i>) • Know the tools, equipment and processes you have to use in Technology and Design. From your lessons and experience in their use, be able to identify hazards and precautions to be taken to avoid injury by yourself and others when they are being used. You should also be familiar with the materials that the tools/equipment may be used or were designed for use with. (<i>See/Study pages '29 to 40', 53, 54, 55, 56, 63, 80 & 81 of your T&D booklet.</i>) • Using terms, you have learnt, explain how to use tools and equipment to achieve a particular outcome. Know the various form of the same items e.g. files (<i>See/Study pages 54, 55, 56 & 63 of your T&D booklet.</i>) • Be familiar with the Plastics, their class and be able to give examples. Know how they may be bent by heating. (<i>See/Study pages 48, 49 and 51, of your T&D booklet.</i>) • Be able to demonstrate an understanding of the soldering process, equipment and components. (<i>See/Study pages 80 & 81 of your T&D booklet.</i>) • Be able to complete drawing and design using the one point perspective technique you have learnt and practiced in class and for homework. (See your notes and previous drawing before practicing and developing your use of the technique.) • Develop and practice your own strategies to generate and present concepts that could be used in identified situations. Remember this requires not only drawing the idea but also includes annotation, notes of explanations, titles, materials, shading/colouring ... (You may like to try creating your own concepts for items such as a: hair dryer, table, child's spoon, teenager's desk tidy, mobile phone stand for a disabled person)
Study Resources	Class Booklet (Page Numbers provided above)
Style of Questions	<p>Short Answer Questions</p> <p>Label Diagrams</p> <p>Identify by name tools and components.</p> <p>Design & other drawing answers to include 2D and 3D drawings/sketches techniques with dimensions and rendering (shading) where appropriate.</p>
Tips for Exam Success	Go to Google Classroom Year 8 Technology and Design (To join use the following class code qvmerm)
Exam Equipment	<ul style="list-style-type: none"> • A range of pens • At least a sharp HB Pencil though another if not all from the following list would be beneficial: 2H, H, & B. • A selection of colour pencils, pencil sharpener and a rubber. • A 300mm ruler

Year 8 Home Economics	
Assessment Information	<ul style="list-style-type: none"> • 45-minute Examination
Revision Topics	<p>Keywords and Definitions page 8&9</p> <p>Name equipment and its function page 11 – 18</p> <p>Personal and Food Hygiene page 24 – 26</p> <p>Weighing and measuring page 31 – 39</p> <p>Measuring abbreviations and conversions page 37</p> <p>Accidents in the home page 43 – 50</p> <p>First Aid page 51</p> <p>Safety Gadgets page 52 & 53</p>
Study Resources	Booklet 1&2 (pages listed above)
Style of Questions	Mostly short questions, some questions will require a definition or brief explanations. Reading information from a table or chart.
Tips for Exam Success	<ul style="list-style-type: none"> • Use flash cards or find an alternative revision strategy for yourself. • Write in full sentences. • If you are not sure how to answer a question move on and go back to it as you may jog your memory as you work through your paper. • Check your answers. • Proof read and spell check. • Make sure that you check what each question is worth e.g. (5) = 5 marks • Revise very well using your Home Economics booklet!
Exam Equipment	<ul style="list-style-type: none"> • Pencil, ruler, pens, rubber, sharpener, colouring pencils

Prayer for Exams

Lord, as I prepare to sit my exams send
your Holy Spirit to guide me & be with me.

Thank you for the many talents and gifts you have
given me and for the opportunity of education.

Help me do the best I can on the day of my exam.

Help me to remember all that I have studied, to express it clearly
and to answer the questions as best that I can.

Give me peace, understanding and wisdom.
Be with me today and always.

Amen.

