

Thornhill College

Junior School Revision Guide

January 2021



YEAR 8



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Exam Timetable

| YEAR 8 | |
|------------------------------------|--|
| Monday 18 th January | Maths 11.35 - 12.35 Technology 2.30 - 3.30 |
| Tuesday 19 th January | Study Day |
| Wednesday 20 th January | Spanish 10.00 - 10.45 Science 11.50 - 12.35 Geography 2.30 - 3.30 |
| Thursday 21 st January | French 9.45 - 10.45 Religion 11.35 - 12.35 Irish 1.40 - 2.10 HE 2.45 - 3.30 |
| Friday 22 nd January | English 11.35 - 12.35 History 2.30 - 3.30 |

Exam Regulations for Pupils

- On arrival at school, pupils should go to their usual classroom.
- 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 in the seats that have been allocated to them.
- 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 break time 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 lunch trolley or eat their packed lunch as usual.
- If a pupil indulges in an 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 from 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 are 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 for 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 | | | | | |

| 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 | <p>Comprehension booklet</p> <p>Reading any fiction book of a good standard</p> |
| Style of Questions | <p>You will be asked comprehension questions on the passage and you must use PDQ in your responses</p> <p>You will be asked to write a Creative Story using the short story as a stimulus</p> |
| Tips for Exam Success | <p>rite in full sentences and give as much detail as possible.</p> <p>In your creative writing ensure you have an interesting opening and conclusion to engage the reader</p> <p>In your Creative Writing, use a wide range of vocabulary to engage the reader</p> <p>Read over your work and check spelling, punctuation and grammar</p> <p>Make sure that you know how many marks each question is worth and spend the appropriate amount of time on it</p> <p>Use BBC Bitesize KS3 Comprehension and KS3 Creative Writing</p> |
| Exam Equipment | <p>Black pen</p> <p>Additional pen/highlighter for annotation</p> |

| Year 8 Maths | |
|-------------------------------|--|
| Assessment Information | <ul style="list-style-type: none"> • 1 Hour Exam • Overall mark: 100% exam |
| Revision Topics | <ul style="list-style-type: none"> • Unit 0: Assumed Knowledge- Multiples/Factors/Prime (Pages 5-8) Fractions (Page 21), Percentages (Page 22), Negative Numbers (Pages 25-26) • Unit 1: Number Work • Unit 2: Decimals • Unit 3: Angles • Unit 4: Area, Perimeter and Volume (only Numbers 1 and 2 from the YSBAT sheet) |
| Study Resources | <p>Notebook and Classwork book Unit booklets for each topic Revision booklet Assessment Folder Hegarty Maths & Corbett Maths (YouTube)</p> |
| Style of Questions | <p>Past paper questions (similar to other assessments and tests)</p> |
| Tips for Exam Success | <p>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. Make revision cards 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!</p> |
| Exam Equipment | <p>Pen Pencil Ruler Rubber Calculator Protractor Compass</p> |

| Year 8 Science | |
|----------------------------------|--|
| Assessment Information | 100% Examination e.g. 45 minutes 75 marks |
| Revision Topics | <p>Energy</p> <ul style="list-style-type: none"> • Define the terms fuel and energy. • Energy can be transferred from one form to another and know some common examples e.g. torches, stereos, microphones, etc • controlling variables to make a fair test. • that coal, oil and gas are fossil fuels • how fossil fuels are formed • the term renewable and non-renewable • some renewable sources of energy and how they work • the advantages and disadvantages of some different renewable sources of energy • why solar cells are black • all living things require energy for everyday activities • animals get this energy from the food they eat • different foods contain different amounts of energy • the amount of energy a food contains can be shown on nutritional information labels • energy is measured in Joules (J) and that 1000J = 1kJ • the amount of energy in different foods can be compared by burning them and measuring the temperature rise of a test tube of water • food chains show how energy is transferred • Define the terms producer, herbivore, carnivore and omnivore. • most of our energy originally comes from the Sun. <p>Forces</p> <ul style="list-style-type: none"> • to identify different forces and to identify in which direction these forces are acting using arrows • that friction opposes motion • that friction can sometimes be useful, but other times it can be a problem • to describe some ways to reduce friction • to describe what is meant by contact friction • Know common versions of friction e.g. water, air resistance, etc. • that up-thrust pushes upwards and that weight pulls downwards • to distinguish between the mass of an object and the weight of an object • that the weight of an object is affected by gravity • how and why the gravity on the Earth will be different from the gravity on the Moon • to describe some situations in which forces are balanced • to compare the speed of different objects and define what is meant by the term speed. • To use and manipulate the equation speed = distance/time • Interpret distance-time graphs. <p>Lab safety</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 |
| Revision Topics Continued | |

| Year 8 Science | |
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| | <p>symbols should be known: toxic, corrosive, flammable, explosive and caution.</p> <ul style="list-style-type: none"> • Be familiar with the apparatus needed to measure the temperature of boiling water (be able to draw the 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>Particle Model; Solid, Liquid and Gas</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. • 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 • Define the terms producer, herbivore, carnivore and omnivore. • most of our energy originally comes from the Sun |
| Study Resources | Usual equipment for Science class See Revision Question Assessment Booklet |
| Style of Questions | Similar to end of topic tests. |
| Tips for Exam Success | 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 Make sure that you know what each question is worth |
| Exam Equipment | Pencil, ruler, pens, rubber, sharpener, calculator & protractor |

| Year 8 RE | |
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| Assessment Information | <ul style="list-style-type: none"> • 100% Examination 60 minutes • The 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 • Examples of those in the world from past or present who are like Catherine. • Examples of those who do not live a life like Catherine, they do not promote her values by their actions. • The Bible (text book p22-41 and work book p7-22) • Key facts • The story of Abraham and Sarah • The Dead Sea Scrolls – workbook pages • Old Testament and New Testament – workbook pages • Stages in writing the Bible • Symbols for Gospel writers • The order of the Gospels – From the 1st to the 4th • The Man with Leprosy • The Bible (text book p22-41 and work book p7-22) • Key facts • The story of Abraham and Sarah • The Dead Sea Scrolls – workbook pages • Old Testament and New Testament – workbook pages • Stages in writing the Bible • Symbols for Gospel writers • The order of the Gospels – From the 1st to the 4th • The Man with Leprosy • Baptism and Confirmation (text book p42-51 and workbook p27-31) • What is a sacrament? • The seven sacraments • Things used and their symbolism/importance • The 6 stages during the Baptismal Service • The Gifts of the Holy Spirit • Importance of Baptism and Confirmation |
| Study Resources | Text book, Work book, Exercise book, Catherine Mc Auley Booklet and Sikhism Booklet |
| Style of Questions | There will be a range of questions from short answer, multiple choice, fill in the blanks, label diagrams, questions to assess understanding and evaluation. 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. Do not write in bullet points |
| Tips for Exam Success | 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 |

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| | <p>Make sure that you know the mark that each question is worth When answering evaluation questions give two points of view, give arguments for that statement and arguments against the statement. Support your answers with examples.</p> |
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| Year 8 History | |
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| Assessment Information | <ul style="list-style-type: none"> • 1 Hour Exam |
| Revision Topics | <p>PRIMARY OR SECONDARY SOURCES (page 5)</p> <p>NORMAN INVASION (pages 5-18):</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? ➤ Explain the result of the battle ➤ Who fought in it? ➤ Contrast the soldiers in the two armies. <p>CASTLES (pages 20-25):</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>BLACK DEATH (pages 36-41):</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? • How was it spread? • What were the results of the Black Death? |
| Study Resources | Textbook and exercise book |
| Style of Questions | A range of question types. |
| Tips for Exam Success | Revise the key points for each topic. Read all questions carefully. |
| Exam Equipment | Blue and red pen |

| Year 8 Geography | |
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| 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>Topic 1 - What is Geography?</p> <ul style="list-style-type: none"> • Physical, Human & Environmental Geography • Threatened, Endangered & Extinct Animals • W.W.F. & other Conservation Groups <p>Topic 2 -Where Do I Live?</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>Topic 3 – Energy and Climate Action</p> <ul style="list-style-type: none"> • -World Energy Use patterns • -How is electricity made • -Renewable and Non-renewable resources • -Global Warming • -Climate Change |
| Study Resources | <p>The specific learning objectives are outlined for each topic in your YSBAT's Textbook "New Key Geography Foundations"</p> <p>Notes and worksheets in your exercise book</p> <p>Geography exam revision booklet</p> |
| Style of Questions | <p>Label/names locations on maps</p> <p>Match up keywords and definitions</p> <p>Give definitions</p> <p>Label diagrams (e.g. The Hydrological Cycle)</p> <p>Provide extended answers</p> |
| Tips for Exam Success | <p>Check you can do everything on your YSBAT's</p> <p>Write in full sentences</p> <p>Take care with spelling, punctuation and grammar</p> <p>Use resource material (graph/text etc) and quote it to support your answer</p> <p>Read through your work when you have finished and check your answers</p> <p>Judge the detail needed in answers by the marks available for the question</p> <p>Take care when spelling key geographical terms</p> |
| Exam Equipment | <p>Pencil, ruler, pens, rubber, sharpener, colouring pencils</p> <p>Black or blue pen for writing</p> |

| Year 8 Gaeilge/Irish | |
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| Assessment Information | <ul style="list-style-type: none"> • Léamh/Reading (50%) will be done during the week of School Exams in January. • Eisteacht/Listening 50% will be done in class before or after Christmas |
| Revision Topics | <ul style="list-style-type: none"> • Tús Maith/Comhrá - greetings, conversations, unpack mála scoile, etc! • Uimhreacha / Numbers 1-100 • An clog / The clock • Dathanna / Colours • 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 2 Key Skills. |
| Style of Questions | <p>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.</p> |
| Tips for Exam Success | <p>The topic areas you will need to revise for your January 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. Ádh Mór Ort!</p> |
| Exam Equipment | Pen |

| Year 8 Spanish | |
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| Assessment Information | <ul style="list-style-type: none"> • Leer (Reading) 20 minutes • Escribir (Writing) 20 minutes • ESCUCHAR (Listening) will be carried out in class in November, as part of a tracker assessment |
| Revision Topics | <p>UNIDAD 1A</p> <ul style="list-style-type: none"> • ¡Buenos días! etc. • ¿Cómo te llamas? Me llamo • ¿Qué tal? ¡Fenomenal! ¡Muy bien! etc. <p>UNIDAD 1B</p> <ul style="list-style-type: none"> • El alfabeto • ¿Cómo se escribe tu nombre? Mi nombre se escribe ... • ¿Cómo se escribe tu apellido? Mi apellido se escribe ... <p>UNIDAD 1C</p> <ul style="list-style-type: none"> • Los números 1-20 <p>UNIDAD 1D</p> <ul style="list-style-type: none"> • Los días de la semana <p>UNIDAD 2C</p> <ul style="list-style-type: none"> • Los números 21-30 |
| Study Resources | <p>¡Mira! Text book Classwork and Homework</p> |
| Style of Questions | <p>LEER (Reading 40%) ESCRIBIR (Writing 40%) Match up questions and answers/Gapfill/Putting vocabulary into logical order/Basic mathematical sums in Spanish/ Drawing pictures/ Answer questions in Spanish ESCUCHAR (Listening) 20% (Tracker 1 in class in November).</p> |
| Tips for Exam Success | <p>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</p> |
| Exam Equipment | <p>Pencil, ruler, pens, rubber, sharpener Colouring pencils</p> |

| Year 8 French | |
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| Assessment Information | Reading and Writing – 1 hour |
| Revision Topics | <ul style="list-style-type: none"> • Greetings • Introducing yourself: name, age, birthday • Months of the year • Numbers 1-30 • Describing hair and eyes – eye colour, hair colour and style • Saying where you live and are from • Talking about family members • Family members • Description – personality adjectives • Saying how you get on with family |
| Study Resources | Exercise Books Cahiers d'Activités (including <i>Expressions-Clés</i> section) word-reference.com (online dictionary) |
| Style of Questions | Reading and Writing Test Gap-filling Reading comprehension – question and answer Completing words and sentences Translating sentences from French into English Translating sentences from English into French Questions and answers in French, e.g. Comment t'appelles-tu? |
| Tips for Exam Success | Class exercise book Workbooks with completed tasks, extra tasks can be completed for revision. Class resources, e.g. power points and Google Slides on Google Classroom Quizlet app – excellent for learning and revising vocabulary. |
| Exam Equipment | Answers must be completed in BLACK or BLUE pen. |

| Year 8 Technology & Design | |
|---------------------------------------|---|
| Assessment Information | <ul style="list-style-type: none"> • Exam 1 hour |
| Revision Topics | <ul style="list-style-type: none"> • Workshop Health and Safety Rules and Health and Safety Signs • PPE • Design Process • CAD/CAM • Materials (Woods, Metals and plastics covered so far) • Plastic forming Techniques • Workshop tools and equipment • Electronic components and circuits • Joining methods • Marking out tools • Design Question: Using annotated sketches (drawings with notes): Design a desk tidy. <ul style="list-style-type: none"> • It must be freestanding and able to sit on a desk or table • It must hold 2 pens, 2 pencils and an eraser in an efficient and effective way • It must consider appropriate sizes • It must consider aesthetic (how it looks) factors • Material(s) selection and explanation for their use • You must use colour on your design • You must consider the following specification points. • You may wish to research these before the test and practise designing before the exam. |
| Study Resources | Class Booklet (Page Numbers provided above) |
| Style of Questions | Short Answer Questions Label Diagrams Identify by name tools and components. Design & other drawing answers to include 2D and 3D drawings/sketches techniques with dimensions and rendering (shading) where appropriate. |
| Tips for Exam Success | Go to your Technology and Design Google Classroom . Under classwork there will be a revision section with a revision booklet to help guide you as you revise. |
| Exam Equipment | Pens Pencils Ruler (300mm) Colouring pencils Sharpener Rubber |

| Year 8 Home Economics | |
|-------------------------------|---|
| Assessment Information | <ul style="list-style-type: none"> • 45-minute Examination |
| Revision Topics | <ul style="list-style-type: none"> • Keywords and Definitions pages 8-10 • Name equipment and its function pages 13-19 • Personal and Food Hygiene pages 20, 25 & 27 • Weighing and measuring pages 32-40 • Measuring abbreviations and conversions page 38 • Accidents in the home page 44-48 • First Aid page 52 • Safety Gadgets page 53& 54 |
| Study Resources | Booklets that have been distributed in class |
| 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 | <p>Use flash cards or find an alternative revision strategy for yourself.</p> <p>Write in full sentences.</p> <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>Proof read and spell check.</p> <p>Make sure that you check what each question is worth e.g. (5) = 5 marks</p> <p>Revise very well using your Home Economics booklet!</p> |
| Exam Equipment | 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 and 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.

