

Thornhill College

Junior School Revision Guide

January 2021



YEAR 9



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Exam Timetable

YEAR 9	
Monday 18 th January	Study Day
Tuesday 19 th January	English 11.35-12.35 Science 2.45-3.30
Wednesday 20 th January	French 10.00-11.00 Religion 11.45-12.35 History 2.30-3.30
Thursday 21 st January	Irish 10.00-10.30 Technology 11.35-12.35 Geography 2.30-3.30
Friday 22 nd January	Maths 11.35-12.35 Spanish 1.40-2.25 H.E 2.45-3.40

Exam Regulations for Pupils

- On arrival at school, pupils should go to their allocated 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 accordance with their allocated seat.
- 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 lunch trolley or eat their packed lunch as normal.
- 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					

Year 9 English	
Assessment Information	<ul style="list-style-type: none"> • 100% Examination • Duration of exam: 1 hour
Revision Topics	<ul style="list-style-type: none"> • Short Story Comprehension • Writing task
Study Resources	<p>Short Story and Comprehension booklet Reading any fiction book of a good standard</p>
Style of Questions	<p>In Section A you will be asked to read a short story and answer questions on it. In Section B you will be asked to write an extended piece based on the story.</p>
Tips for Exam Success	<p>Write in full sentences and give as much detail as possible. Use PQD in comprehension answers. In your Writing task, ensure you include all the information given in the bullet points. In your Writing task, 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.</p>
Exam Equipment	<p>Black pen Additional pen/highlighter for annotation</p>

Year 9 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 1 : Negative Numbers • Unit 2 : Pythagoras' Theorem • Unit 3 : Algebra • Unit 4 : Graphs
Study Resources	Notebook and exercise book Unit booklets for each topic Revision booklet
Style of Questions	Past paper questions (similar to all assessments and tests).
Tips for Exam Success	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 be may be useful for revision.
Exam Equipment	Pen Pencil Ruler Rubber Calculator

Year 9 Science	
Assessment Information	100% Examination e.g. 45 minutes (75) marks
Revision Topics	<p><u>Atoms and Elements</u></p> <ul style="list-style-type: none"> • that there are a small number of elements (approx. 100) from which all other substances are made • the names of elements, and be able to use symbols to represent these elements (be able to use periodic table) • that elements can be classified as metals or non-metals • to explore the properties of metals e.g. lustre, malleability, ductility, sonorous, dense, conductivity of heat/electricity and high melting points etc. • to explore the properties of non-metals e.g. dull, brittle, poor conductivity of heat/electricity etc. • that the atoms of two or more elements can be joined together during chemical reactions to form compounds. • Ability to calculate the number of different elements or atoms from a given formula. • that oxygen, nitrogen, carbon dioxide and other gases are found in air. • Know the percentage composition of oxygen, nitrogen, carbon dioxide in air • how to make a metal oxide • how to write a word equation to represent a chemical reaction <p><u>Respiration and Circulatory System</u></p> <ul style="list-style-type: none"> • How cells are supplied with the materials they need for respiration • How cells in animals and plants release energy • That the process of respiration is similar in all cells • The word equation for respiration • The tests for carbon dioxide; limewater and bicarbonate • That blood is pumped round the body by the heart, and flows through blood vessels • Introduce the terms artery, vein and capillary and what they do. • To identify and label the structure of the heart; limited to atria, ventricles and vessels entering and leaving the heart. • The ventricle walls have different thicknesses and why this is the case. • Effect of fat and cholesterol on blood vessels e.g. coronary arteries (narrowing of arteries and reduced blood flow). • Effect of exercise on heart rate/pulse rate • That haemoglobin in red blood cells picks up oxygen from the lungs, where it also gets rid of carbon dioxide. • Introduce the terms oxygenated and deoxygenated. <p><u>Solutions</u></p> <ul style="list-style-type: none"> • Define a mixture • Understand the terms soluble, insoluble, solute, solvent and solution. • how to separate a mixture of an insoluble solid from water, using filtration • that solutions look clear - and that this is not the same as colourless • what is happening, in terms of particles, when a solute dissolves in a solvent, and understand that mass is conserved • explain how changes in surface area affect solubility.
Revision	

Year 9 Science	
Topics Continued	<ul style="list-style-type: none"> • how to separate a solute from a solution by evaporating to dryness • to devise an efficient method for obtaining dry salt from a sample of rock salt • how to separate a solvent from a solution using distillation • how to use chromatography to separate different solutes in a solution • to interpret data from a chromatogram • how to make a saturated solution • that different substances have different solubilities • that, in general, solubility of solids increases as temperature increases • that, in general, solubility of gases decreases as temperature increases e.g. ‘flattening of fizzy drinks’ and thermal pollution. • to identify patterns in data about solubility • to use construction lines to read values from a line graph <p><u>Compounds and Mixtures</u></p> <ul style="list-style-type: none"> • the names of some common elements, mixtures and compounds • how to recognise atoms in elements, mixtures and compounds in diagrams • how to represent some simple compounds using formulas and to appreciate the information that the formula of a compound gives about the number and type of atoms that are present • about a range of separation techniques, and suggest how certain mixtures may be separated e.g. limited to magnetism, filtration, evaporation, simple distillation, fractional distillation and chromatography. • that elements and compounds melt at fixed temperatures called melting points • that elements and compounds boil at fixed temperatures called boiling points e.g. water 100°C • that mixtures melt and boil over a range of temperatures • Explain melting and boiling using the particle model. • Identify the state of matter of a substance based on melting point and boiling points information.
Study Resources	Usual equipment for Science class
Style of Questions	Similar to end of topic tests.
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 e.g. 2</p> <p>See Revision Question Assessment Booklet</p>
Exam Equipment	Pencil, ruler, pens, rubber, sharpener, calculator & protractor

Year 9 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"> • Creation p8-29 text book, p4-10 workbook The Big Bang Theory The Genesis Account Being Made in the Image of God • Environment p30-46 text book, p11-16 workbook Creation, things that we have created, both good and bad. Six Issues Related to the Environment The 5 R's St Francis of Assisi • Covenant and Commandments p47-55 Abraham and Sarah Moses and the Israelites Escape from Egypt The 10 Commandments Importance of Rules • Judaism p174-186 text book, p58-61 workbook Facts about Judaism Seder Plate Bar Mitzvah • Judaism life events relating to birth, marriage and death Inside the synagogue (key features)
Study Resources	Text book, Work book and Exercise book
Style of Questions	<p>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 5 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.</p>
Tips for Exam Success	<p>Read over all of your class notes and workbook pages</p> <p>Use your revision power points for guidance</p> <p>Write in full sentences, check your answers, proof read and spell check</p> <p>Make sure that you know the mark that each question is worth e.g. 5</p> <p>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>
Exam Equipment	Black pen

Year 9 History	
Assessment Information	<ul style="list-style-type: none"> • 1 Hour Exam
Revision Topics	<p>KEY FACTS:</p> <ul style="list-style-type: none"> • What was the Renaissance? • When was the Renaissance? • Who was Vasari, and what book did he write? • The masterpieces of Leonardo da Vinci and Michelangelo. • What is a Fresco? • What is perspective? • Can you distinguish between Classical and Religious themes in Renaissance paintings, and Portraits (with examples)? • City states <p>Medici & Florence (pages 7, 10-11 & your research)</p> <ul style="list-style-type: none"> • Florence’s most famous art gallery • ‘Cradle of the Renaissance’ • What Renaissance buildings, statues and paintings can be seen by visitors in Florence today? E.g. Brunelleschi’s dome. • The source of the Medicis’ vast wealth. • The religious and political reasons why Cosimo de Medici spent so much money on the Monastery of San Marco and on religious Art in Florence <p>LEONARDO DA VINCI (Your own research)</p> <ul style="list-style-type: none"> • His life • His Art – detailed discussion! • His scientific work <p>HOW ART CHANGED (pages 12- 15)</p> <ul style="list-style-type: none"> • With the help of examples, explain how Art changed between Medieval and renaissance times: • Anatomy • Perspective • Use of colour, light and shade • Choice of subjects painted <p>BEFORE THE REFORMATION (pages 25-30)</p> <ul style="list-style-type: none"> • Why Medieval people were obsessed with Death • Catholic teaching on • Purgatory, • Masses, • Pilgrimages and • Indulgences: Friar John Tetzal & St Peter’s Basilica, Rome. <p>LUTHER’S REFORMATION (pages 31-35)</p> <ul style="list-style-type: none"> • FR. MARTIN LUTHER • Why Luther published 95 theses against Indulgences • Explain how the beliefs of Luther’s Church differ from those of the Catholic Church

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	<ul style="list-style-type: none">• How a Protestant Church looks different from a Catholic Church
Study Resources	Textbook and exercise book
Style of Questions	A range of question types.
Tips for Exam Success	Read all questions carefully.
Exam Equipment	Pen

Year 9 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>Topic 1 – The Geography of Northern Ireland</p> <ul style="list-style-type: none"> • 6 Counties of N. Ireland • County Towns • Mountain Ranges, Highest Peaks, Rivers, Loughs <p>Topic 2 - Weathering & Erosion</p> <ul style="list-style-type: none"> • Weathering (Chemical, Biological and Mechanical) • Erosion & Agents of Erosion <p>Topic 3 – Population & Migration</p> <ul style="list-style-type: none"> • Population Distribution and Density • Densely populated & Sparsely populated regions • Global Population Growth • Key Populations Terms E.g. Crude Birth and Crude Death Rates
Study Resources	<p>The specific learning objectives are outlined for each topic in your YSBAT's Textbook "New Key Geography Connections"</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>Read a graph</p> <p>Give definitions</p> <p>Label diagrams</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 9 Gaeilge/Irish	
Assessment Information	<ul style="list-style-type: none"> • You will be examined in 2 Key Skills – Éisteacht/Listening (50%), Léamh/Reading (50%) • Léamh/Reading (50%) will be done during the week of School Exams in January. • Éisteacht/Listening (50%) will be done in class before/after Christmas Break.
Revision Topics	<ul style="list-style-type: none"> • Laethanta Saoire/ Holidays agus Leabhrán/Booklet • An Aimsir Chaite / The Past Tense • Siopadóireacht/ Shopping agus Leabhrán/Booklet <p>Year 8 material</p> <ul style="list-style-type: none"> • m.sh./eg. Mé Féin/ Myself • Dathanna / colours • An aimsir / Weather • Uimhreacha / Numbers • An clog/The clock
Study Resources	<p>You should use your Leabhar Gaeilge, Department Booklets and worksheets to help you with your revision along with the resources on Google Classroom. Remember that you will be examined in 2 Key Skills.</p>
Style of Questions	<p>Oral questions – good pronunciation of answers. Role play. Recognise meanings of items in Irish plus gap/column filling. Match words or phrases correctly to pictures and prompts. Translate words from Irish to English and English to Irish. Reading Comprehension. 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.</p> <p>Ádh Mór Ort!</p>
Exam Equipment	<p>Pen</p>

Year 9 Spanish	
Assessment Information	<ul style="list-style-type: none"> • 50% READING 25-minute exam • 50% WRITING 20-minute exam <p>READING Topics from Year 8 (Units 3-5). Year 9 Unidad 6 and Unidad 7. Understand words from Spanish-English.</p> <p>WRITING – Section A: Prepared answers on Mi Ciudad – My Town. Section B: Write lists of vocabulary, answer questions in Spanish on above.</p>
Revision Topics	<p>According to Caminos 1 book / Yr 9 vocab booklet / Google Classroom topics.</p> <p>YEAR 8</p> <ul style="list-style-type: none"> • Revise all Year 8 work using Year 8 Google Classroom + vocabulary booklet <p>(Unidad 1: Nuevos Amigos, Unidad 2: En Clase, Unidad 3: La Familia, Unidad 4: ¿Cómo eres?, Unidad 5: El Instituto)</p> <p>YEAR 9</p> <ul style="list-style-type: none"> • UNIDAD 6A ¿Dónde vives? Vivo en <i>Where you live and related vocabulary</i> • UNIDAD 6B ¿Dónde está exactamente? Está..... <i>Describe where you live. Use the points of the compass</i> • UNIDAD 6C ¿Qué hay en tu barrio o ciudad? Hay... <i>What there is in your town</i> • UNIDAD 6D ¿Qué tiempo hace? Hace... <i>Description of weather and seasons</i> • UNIDAD 7A ¿Cómo es donde vives? ¿Qué te parece tu barrio/pueblo/ciudad? <i>Opinions/Description of your town</i> Me gustaría vivir en..... <i>Where you would like to live</i> • UNIDAD 7B Lo bueno y lo malo de tu región Lo bueno/malo es que.... <i>The good and bad points of where you live</i> • UNIDAD 7C ¿Qué se puede hacer? Se puede.... <i>ir al/a la.../ir de.../hacer.../salir../visitar...</i> <i>What there is to do in your town</i> • UNIDAD 7D ¿Qué deportes te gusta hacer? Me gusta jugar al.../Me gusta hacer... <i>What sports you like to play/do</i>
Study Resources	<p>Websites or other sources that may enhance revision: Quizlet – Use for vocab revision of all topics listed above. For Year 8/9 work search Caminos 1. Year 8 Google Classroom + vocabulary sheets.</p>
Style of Questions	<p>ESCUCHAR (Listening) 20% Complete in class. Answer multiple choice questions and questions in Spanish.</p> <p>ESCRIBIR (Writing) 40% Complete in class. Gap fill/ Writing lists/ Answering questions.</p>
Tips for Exam	<p>If you are not sure how to answer a question move on and go back to it</p>

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Success	Check your answers. Proof read and spell check. Take care with the grammar and accuracy of your work. When revising, learn all vocabulary fully- look, cover, write and check.
Exam Equipment	Black pen

Year 9 French	
Assessment Information	Examination 1 hour
Revision Topics	<ul style="list-style-type: none"> • Key Year 8 vocabulary • Talking about the weather and free time • Using the verbs: Faire; aller; jouer to talk about hobbies • Giving opinions on free time activities • Numbers 1-120 • Talking about clothes • Agreement of adjectives – masculine, feminine, singular and plural • Talking about food likes and dislikes • Using the verbs manger and boire • Talking about meal times and food likes and dislikes
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. Qu'est-ce que tu fais le week-end?
Tips for Exam Success	Plan your revision – each topic separately Practice vocabulary by writing and reading aloud. Take time to think before completing your answers Always check over your written work 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 9 Technology & Design	
Assessment Information	Exam 1 hour
Revision Topics	<ul style="list-style-type: none"> • Health and Safety Rules and Health and Safety Signs • Tools and Equipment used in for soldering and making electronics circuits • Electronic Components used in lamp circuit (component symbols/functions etc) • Resistor Colour Codes • Soldering • Isometric drawing and Orthographic Drawing • Mechanisms and movement • Design question (see notes on design and teacher guidance): Design an adjustable desk lamp suitable for a bedside table or unit. You may wish to research these before the test and practise designing before the exam. <p>Keywords: Know the meaning of the following Technology & Design in preparation for the exam:</p> <ul style="list-style-type: none"> • Aesthetics: this refers to how something looks. • Annotate Sketches: Drawings with notes to explain the idea. • Dimensions: The sizes and measurements • Accessible: Able to be reached or entered. • Adjustable: Able to be changed to suit needs. • Stable: Unlikely to fall over
Study Resources	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.
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	<p>Create personal notes for each revision point on the list above.</p> <p>Study and learn your notes which you may refine and/or develop as you continue to prepare.</p> <p>Sketch, shade and annotate two items everyday: stationary, furniture, storage, transport, sport, musical instrument.</p>
Exam Equipment	<p>A range of pens</p> <p>At least a sharp HB Pencil though another if not all from the following list would be beneficial: 2H, H, & B.</p> <p>A selection of colour pencils.</p> <p>A pencil sharpener and a rubber.</p> <p>A 300mm ruler.</p>

Year 9 Home Economics	
Assessment Information	<ul style="list-style-type: none"> • 45-minute Exam • 100% examination
Revision Topics	<p>Food Spoilage (p 7-21)</p> <ul style="list-style-type: none"> • Why does food go bad? (p7-8) <p>Food Poisoning/Food contamination signs, symptoms and prevention (p9-21) Environmental Health Officer (22-23)</p> <p>Shopping</p> <ul style="list-style-type: none"> • Options for shopping, advantages and disadvantages (p24-29) <p>Packaging</p> <ul style="list-style-type: none"> • Why is food Packaged (p34) • Advantages & disadvantages of various types of food packaging materials (p35-36) • Reusing packaging (p38-40) • Symbols found on packaging (p41) <p>Designing packaging & Labelling</p> <ul style="list-style-type: none"> • Factors to consider in designing a package (p42) • Characteristics of a good label (p45) • Information found on food labels (p45-48) <p>Money Matters</p> <ul style="list-style-type: none"> • What does Budgeting involve (p56-58) • Needs and Wants – the differences (p57) • Income & Expenditure in a household—examples (p56)
Study Resources	Student booklet and Google Classroom resources.
Style of Questions	<p>Factual recall questions (short)</p> <p>Fill out the blanks</p> <p>Label the diagram</p> <p>Complete tables</p>
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>
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 & 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.

