

Thornhill College

Junior School Revision Guide

January 2021



YEAR 10

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Exam Timetable

YEAR 10	
Monday 18 th January	Irish 10.00-10.30 HE 12.05-12.35 History 2.30-3.30
Tuesday 19 th January	Maths 11.35- 12.35 Spanish 1.40-2.25 Religion 2.40-3.30
Wednesday 20 th January	Study Day
Thursday 21 st January	Technology 11.35-12.35 English 2.30-3.30
Friday 22 nd January	French 10.00-11.00 Science 11.50-12.35 Geography 2.30-3.30

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 the seat they have been allocated.
- 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 canteen trolley or have a packed lunch with them.
- 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					

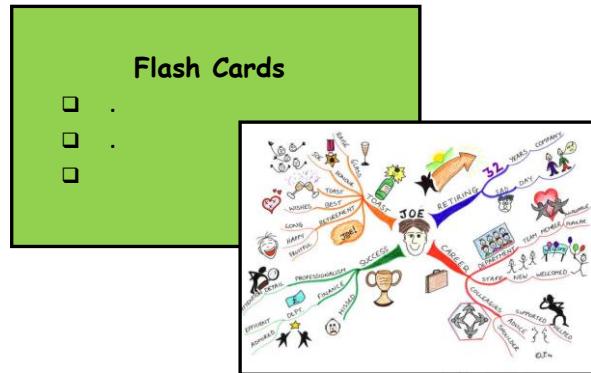
How to Revise

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.

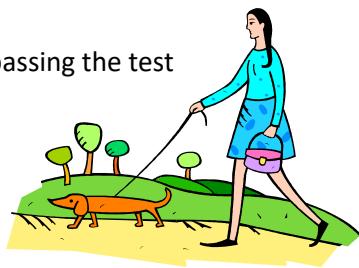


- 3.** Don't forget to allow yourself some **treats**. Break up your revision sessions and plan some treats to look forward to: fruit, chocolate, a hot drink, glancing at a magazine, going for a walk...whatever will motivate you.



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 10 English	
Assessment Information	<ul style="list-style-type: none"> • 100% Examination • Duration of exam: 1 hour
Revision Topics	<ul style="list-style-type: none"> • Gothic Fiction • Poetry
Study Resources	Gothic Fiction booklet Poetry Workbook Reading any fiction book, especially those listed as recommended reading at the front of your Gothic Fiction booklet.
Style of Questions	In Section A you will be asked to write an extended response on an unseen piece of Gothic Fiction. In Section B you will be asked to answer questions on some of the poetry you have studied so far.
Tips for Exam Success	Write in full sentences and give as much detail as possible. In your extended response to the Gothic Fiction extract, write in detail and use quotations from the extract to support your points. Plan and structure your piece of writing. In your Gothic Fiction response, you must be able to answer on the following: Setting, Characterisation, Use of language, Tones and Gothic conventions. Ensure you fully understand the poems in your booklet, including poetic devices. 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.
Exam Equipment	Black pen Additional pen/highlighter for annotation

Year 10 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: Boundaries, Prime Factors and Percentages • Unit 2: Indices and Number Work • Unit 3: Straight Line Graphs • Unit 4: Algebra <p>Use the YSBAT sheet on the first page of every unit booklet to help revise the key points for each topic.</p>
Study Resources	<p>Notebook and exercise book Unit booklets for each topic Revision booklet</p>
Style of Questions	Past paper questions (similar to all assessments and tests).
Tips for Exam Success	<p>Use notebook and exercise book when revising- learn the methods and do lots of questions to test yourself. A revision booklet will be provided with exam style questions for extra practice. www.corbettmaths.com has short video clips that may be useful for revision. Always remember to show your full working out!</p>
Exam Equipment	<p>Pen Pencil Ruler Rubber Calculator</p>

Year 10 Science	
Assessment Information	100% Examination e.g. 90 marks, 1 hour
Revision Topics	<p>Fit and Healthy (Respiration and Respiratory System)</p> <ul style="list-style-type: none"> • Identify and label the parts of the respiratory system, including nasal cavity, trachea, bronchus, bronchioles, lungs, alveolus, diaphragm, ribs, intercostal muscles. • Describe the stages involved in the mechanism of breathing • Compare the parts of a model of the lungs to the actual lungs. • Compare the composition of exhaled and inhaled air. • List and explain the features of the alveoli which aid gas exchange • Recall the word equation for respiration • Recall the tests for carbon dioxide; limewater and bicarbonate • Recognise a ciliated epithelial cell • Describe how cilia keep the trachea free of dust • Describe how exercise affects breathing rate and pulse rate. • List the 3 main components of cigarette smoke and describe how each one affects the body • Define “passive smoking” • Recall ways in which diet, exercise, smoking and drug-taking affects health. • Explain how smoking affects a foetus. • Explain the effects of lack of Vitamin C, Vitamin D, Protein and Iron on the body. • Explain how different types of drug affect the body; limited to depressant, hallucinogen, painkiller, stimulant and performance enhancer (examples of drugs not required) <p>Structure of the atom</p> <ul style="list-style-type: none"> • Draw the atomic structure of the first twenty elements. • Complete a table to show the properties of electrons, protons and neutrons in terms of their charge, mass and position. • Define the terms Atomic Number and Mass Number • Define isotope • Know that group 1 is called (alkali metals), group 7 (halogens), group 8/0 (noble gases). • Know that group number is directly linked to the number of electrons in outer shell. • Understand how ideas about the atom changed over time with reference to the atom (Dalton), Plum Pudding Model (Thomson), Rutherford’s model of a nucleus surrounded by electrons and the discovery of the neutron by Chadwick, leading to today’s model of an atom <p>Pressure and Moments</p> <ul style="list-style-type: none"> • about pressure on solids and describe applications of this in everyday appliances • Pressure is equal to force divided by area ($P=F/A$) • Rearrangement of pressure formula required • about the principle of moments
Revision Topics Continued	

Year 10 Science	
	<ul style="list-style-type: none"> • to describe the operation of moments and use of a lever • how to investigate balance about a pivot • Understand the terms clockwise and anti-clockwise moments and show direction with arrows. <p>Electricity and Static Electricity</p> <ul style="list-style-type: none"> • to recognise some of the dangers associated with electricity and how to deal with it safely • Learn and draw circuit symbols for cells, batteries, ammeters, bulbs and switches • how to plan, build and explore circuits which include cells, batteries, ammeters, bulbs and switches • how to draw circuit diagrams • how to plan, build and explore series and parallel circuits and be able to give some advantages and disadvantages of these circuits • how to measure the current in a circuit and be able to identify that the electric current is the same at all points in a series circuit, and divides along the branches of a parallel circuit • Recall the location of the different charges within an atom • Recall that insulating materials can become charged by friction • Explain this in terms of movement of charge • Understand that it is only the negative charges (electrons) that are free to move • Understand that objects become positively charged when electrons are removed • Understand that an object with a surplus of electrons will be negatively charged • Recall dangers associated with the build-up of static charge • Recall some uses of static electricity in everyday life
Study Resources	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 e.g. 5
Exam Equipment	Pencil, ruler, pens, rubber, sharpener, calculator & protractor

Year 10 RE	
Assessment Information	<ul style="list-style-type: none"> • 100% Examination 1hour • Test is made up of knowledge, understanding and evaluation questions
Revision Topics	<ul style="list-style-type: none"> • Islam booklet and p138-159 text book, p56-66 workbook • General Facts about Islam • Keywords • The Quran • Islamic beliefs • The Mosque • Ramadan • The 5 Pillars • Clothing and Food • Similarities and differences • Getting to know my inner and outer self p12-14 text book, • Inner and outer self • Ways to look after inner self. • Awareness of feelings and how to deal with them. • The attitude of Jesus to others p87-102 text book, p31-36 workbook • The Parable of the Mustard Seed and meaning • The attitude of Jesus to: Zacchaeus, The woman peace by Jesus, The crippled woman, The Centurion's servant. • The example of Jesus in these stories. • Reflecting on our own attitude and outlook p104-123 text book, p37-42 workbook • Prejudice • Discrimination • Stereotyping • Sectarianism and types of Sectarianism. • How Sectarianism can be overcome.
Study Resources	Text book, Work book, Exercise book and Islam Booklet
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.</p> <p>There are 4 sections in total, marks are stated at the end of each question.</p> <p>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</p> <p>Check your answers</p> <p>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 10 History	
Assessment Information	<ul style="list-style-type: none"> • 1 Hour Exam
Revision Topics	<p>Industrial Revolution</p> <ul style="list-style-type: none"> • Domestic system [p2] • Inventions to speed up the production of cloth (& inventor) [pp3-5] • Factory System [p4] • William Scott & Derry's shirt industry [p9] • Factories [p6-7] • Towns <p>Votes for Women</p> <ul style="list-style-type: none"> • Why women wanted the right to vote [pp 23- 27]. • The Suffragists and their tactics. • The Suffragettes [p. 27-8]. • The more assertive tactics of the Suffragettes {WSPU} • a.] peaceful tactics [pp 28-30]. • b.] more forceful tactics (including violence) [pp 32-33]. • c.] Hunger strikes [p. 37]. • Emily Wilding Davison and the Suffragette Derby [pp 34-36].
Study Resources	Textbook and exercise book Short answer questions Source based questions requiring you to look at the usefulness and reliability of the source Source based questions asking you to explain the meaning of a source Extended writing
Tips for Exam Success	Read all questions carefully.
Exam Equipment	Pen

Year 10 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 – Plate Tectonics</p> <ul style="list-style-type: none"> • Cross Sectional Diagram of Earth • Plates • Convection Currents • Constructive, Destructive & Conservative Plate Boundaries • Volcanoes & Features • Volcanic Eruptions • Types of Volcanoes • Benefits & Hazards of Volcanoes • Predictions & Precautions <p>Topic 2 - Ecosystems</p> <ul style="list-style-type: none"> • What is an Ecosystem? • What is a Biome? • Examples of Biomes • Components of an Ecosystem • What is meant by Flora and Fauna? • Location of Tropical Rainforests • Climate characteristics of the Tropical Rainforest
Study Resources	The specific learning objectives are outlined for each topic in your YSBAT's Kerboodle Online Textbook "New Key Geography Interactions" Notes and worksheets in your exercise book Geography exam revision booklet
Style of Questions	<p>Label / names features e.g. volcanoes or tropical rainforests on maps</p> <p>Draw diagrams to show a process / formation of a feature</p> <p>Match up keywords and definitions</p> <p>Give definitions, label diagrams and provide extended answers</p>
Tips for Exam Success	<p>Check you can do everything on your YSBAT's</p> <p>Write in full sentences. Take care with spelling, punctuation and grammar. 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. 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	Pencil, ruler, pens, rubber, sharpener, colouring pencils Black or blue pen for writing

Year 10 Gaeilge/Irish	
Assessment Information	<ul style="list-style-type: none"> • Éisteacht/Listening 50% - will be done in class before or after Christmas. • Léamh/Reading 50% - will be done during the week of School Exams in January
Revision Topics	<ul style="list-style-type: none"> • Ag obair/ag caint/ag léamh/ ag troid srl • Mé Féin agus mo theaghlaigh / Myself and my family • An Aimsir Chaite / The Past Tense + Nóra • Slite Beatha, Postanna/Careers, Jobs • Year 8/9 material – eg. Dathanna / colours, An aimsir / Weather, Uimhreacha / Numbers, Siopadóireacht/ Shopping, Caitheamh Aimsire / Pastimes, An Scoil / School. Laethanta Saoire/ Holidays.
Study Resources	You should use your Leabhar Gaeilge, Department Booklets, Google Classroom resources and worksheets to help you with your revision. Remember that you will be examined in 2 Key Skills .
Style of Questions	<p>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. True/False. 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.</p> <p>Ádh Mór Ort!</p>
Exam Equipment	Pen

Year 10 Spanish	
Assessment Information	<ul style="list-style-type: none"> • 20% TRACKER 1 • 40% READING 20-minute exam • 40% WRITING 25 minute exam
Revision Topics	<ul style="list-style-type: none"> • Me presento (Me flipa ;me molan, La familia) p.23 (in textbook) • Me describo (Mis mascotas, Cumpleaños y Fiestas) p.39 • El Insti (Mis asignaturas) p.55 • Mi semana, Donde vivo yo (Vivo en..,¿Dónde está?, Mi Casa, Mi dormitorio) p.71 • Me gusta comer (Es la hora de comer, Comida sana, Me encanta la comida) p.103 <p>Year 10 topics: Hoja de Vocabulario 2A, 2B, 2C, 4B</p> <p>HOJA DE VOCABULARIO 2A: ¿Qué deporte practicas?</p> <ul style="list-style-type: none"> • Los Deportes: Sports along with jugar and practicar (juego al fútbol, practico el alpinismo) • Las Opiniones: Me chifla, me da igual, odio. <p>HOJA DE VOCABULARIO 2B: ¿Qué haces en tu tiempo libre?</p> <ul style="list-style-type: none"> • Pasatiempos: Practico la informática, escucho música • ¿Cuándo?: El fin de semana, todos los días (Refer to PPT Las Expresiones del Tiempo) <p>HOJA DE VOCABULARIO 2C ¿Por qué te gusta?</p> <ul style="list-style-type: none"> • Adjetivos: (aburrido, barato) <p>HOJA DE VOCABULARIO 4B LA VIDA TECNO</p> <ul style="list-style-type: none"> • Los medios y la televisión: Different types of media and TV programmes (hablo por teléfono, leo revistas/ las noticias, las series) • El cine y los libros: Una película romántica, una película de terror • ¿De qué trata?: Describing what a film is about (Trata de un asesinato, un atentado.....) • En mi opinión: Giving opinions on TV programmes/films (puede ser útil, educativo/a me gustan porque son emocionantes)
Study Resources	Quizlet – Use for vocab revision of all topics listed above. For Year 8/9 work search Caminos 1 . For Year 10 topics search Caminos 2 Unidad 2 and Zoom Vocabulario 4B
Style of Questions	<p>READING - Topics from Year 8–9 in Zoom (Units 0-3A). Year 10 topics (Hojas de Vocabulario 2A, 2B, 2C, 4B). Understand words from Spanish-English.</p> <p>WRITING - Hojas de Vocabulario 2A- 2C, La Vida tecno 4B Write lists of vocabulary, translate sentences from English to Spanish, answer questions in Spanish, write paragraphs in Spanish.</p>
Tips for Exam Success	<p>Write in full sentences If you are not sure how to answer a question move on and go back to it Check your answers Take care with the grammar and accuracy of your work When revising, learn all vocabulary fully- look, cover, write and check.</p>
Exam Equipment	Pen

Year 10 French	
Assessment Information	<ul style="list-style-type: none"> • Exam 1 hour
Revision Topics	<p>Key Year 8 and 9 vocabulary</p> <ul style="list-style-type: none"> • Saying what I and other people do in our free time • Talking about sport • Opinions and time phrases. • Using the verbs: faire; jouer and aller to talk about hobbies and sports • Talking about weather and free time • Talking about Music • Talking about Reading • Talking about TV and Cinema
Study Resources	<p>Exercise Books Cahiers d'Activités (including <i>Expressions Clés</i> section) word-reference.com (online dictionary)</p> <p>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.</p>
Style of Questions	<p>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. Quel est ton sport préféré?</p>
Tips for Exam Success	<p>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</p>
Exam Equipment	Answers must be completed in BLACK or BLUE pen.

Year 10 Technology & Design	
Assessment Information	<ul style="list-style-type: none"> • 45 Minute Exam • Overall mark: 100% exam
Revision Topics	<ul style="list-style-type: none"> • Be able to explain Health and Safety in the workshop (booklet pages 18-22) • Identification of Health and Safety symbols (booklet page 25) • Identification of workshop machines (booklet pages 21-24) • Be able to name workshop tools and explain their uses (booklet pages 53-61) • Know different types of woods and finishes including why they are used (class notes) • Types of wood joints (booklet page 38 and class notes) • Stages of the design process (class notes) • Electronics, electronic symbols and control (page 110-118 and class notes) • Design question: You will be required to design a solution for a mobile phone holder. It is important that you demonstrate your visual communication skills through 3D and 2D drawing techniques, apply colour, dimensions and each design should include detailed labels to explain areas such as materials, safety, cost etc.
Study Resources	Class Booklet (Page Numbers provided above)
Style of Questions	<p>Short Answer Questions Label Diagrams Identify Items 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.</p>
Tips for Exam Success	<p>Create personal notes for each revision point on the list above. Study and learn your notes which you may refine and/or develop as you continue to prepare. Go to Google Classroom Year 10 Technology and Design</p>
Exam Equipment	<p>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. A pencil sharpener and a rubber. A 300mm ruler.</p>

Year 10 Home Economics	
Assessment Information	<ul style="list-style-type: none"> • 30-minute Exam • 100% examination
Revision Topics	<ul style="list-style-type: none"> • Methods of payment used by the consumer • Methods of Payment & Shopping on line – advantages/disadvantages, requirements, legislation and staying safe online. • Consumer law • Definition of a consumer • The Food Safety (Northern Ireland) order 1991-how does this act protect the consumer/ what they are entitled to? • Ethical considerations which influence consumer choice • Fair Trade; • Main aim of organisation • Problems faced by farmers in exploited countries • Benefits of fair trade • Countries that participate in Fair Trade • Examples of Fair Trade products
Study Resources	Detailed and thorough revision of pupil booklet.
Style of Questions	<p>Factual Recall Data response Fill in missing words Reasoning and explaining</p>
Tips for Exam Success	<p>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</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.

