



THE KING'S SCHOOL
GRANTHAM

Isaac Newton's School



YEAR 10 END OF YEAR EXAMS 2016

REVISION BOOKLET

CONTENTS

	Page
Introduction	2
Ten Top Tips for Successful Revision	3
Timetabling your revision	4
Revision Strategies	5
Stress Busters	15
Worry Busters	16
The Day of the Exam	17
Revision Planners	18
Subject Information	22

Introduction

This booklet is designed to help you prepare for your end of year exams. You will have exams at the end of the year for the rest of your school career, so you need to start learning how to prepare successfully and get the highest grade you can.

The more organised you are, the easier it will be for you to revise. Many students find it difficult to get started and waste a lot of valuable time because they cannot find the notes they need or their original exercise books for each subject.

When you revise, it is important to use techniques that will help you remember facts. Do not just spend time reading and re-reading your notes in the hope that somehow you will take everything in.

You will need to make a real effort to learn what you are reading and that means working on your notes and using strategies that will help you to focus on each topic and pick out the key facts and fix them in your mind. The first part of this booklet offers a series of methods to aid you with revision. In the final section, Subject Leaders have provided a breakdown of what each exam will involve.

Ten Top Tips for Successful Revision

- Find a good place to work where you cannot be disturbed or distracted.
- Draw up a plan of what you are going to revise and when. Give yourself targets to achieve when revising.
- Don't work for too long at any one time and take regular breaks of 5-10 minutes during revision.
- Eat, sleep and live healthily during revision time and during the exams. Make sure you have breakfast on the day of exams.
- Try to vary the ways you revise, don't just sit reading a book. There are lots of ideas in this booklet to help you.
- Revise with a friend, talking to someone about a topic/problem often helps your memory.
- Test yourself (or get someone to test you) regularly without looking at your notes.
- Re-visit topics/subjects regularly to help you memorise them effectively.
- Mix up your weak and strong subjects when you revise.
- Make sure whatever revision you do you make it stick – don't convince yourself you have revised by sitting in front of the TV with your book on your lap!

Timetabling Your Revision

Organising how, where and when you are going to revise is very important and varies for everyone. Good advice is to write out a timetable which you can stick to no matter what the subject.

Warm up your brain

It is always a good idea to warm your brain up before you start to revise. Try some of these:

What If...?	Invent A Name	It Does What?	Plus points, Minus points, Interesting points
◊ The moon was made of cheese	◊ A shampoo that instantly gave you curly hair	◊ Oxyputer	◊ Everyone should wear a mood badge
◊ All the grass disappeared overnight	◊ A robot that takes your dog for a walk	◊ Kangastep	◊ All children should adopt an elderly neighbour
◊ Water was poisonous	◊ A pair of glasses which shows you what's happening behind you	◊ Aquadigger	◊ All cars should be painted blue

Set a target and time

Decide what you want to accomplish by the end of your study time and set little targets within this time. Try not to be unrealistic to avoid rushing and missing key points.

Set a reward

When you have set a target and time frame think of a reward you can enjoy when, and only when, these are met. This could be anything from chocolate, playing a computer game or meeting up with friends.

Choose a suitable place to revise

Only you know where you work best and won't be easily distracted, try to think of a place, or better a couple of places, where you will not be tempted to check Facebook, your phone or top up your drink, etc.

Plan in breaks

Plan breaks at sensible intervals when you can stretch your legs, get a drink and have a short change of scenery. Booking in your lunch break to have a shorter afternoon session than the morning session will make the time go faster.

How well did you do?

When your time is up look over your progress, have you accomplished all you set out to do? Is there anything you could add next session? Is it time for your reward?

Revision Strategies

In the weeks before the exams, plan a revision programme. Make a list of the topics you need to revise for each subject and draw up a revision timetable. Use the revision programme sheets provided in this booklet to plan your study.

There are many ways to revise. A list of strategies is provided below followed by more detailed explanations of a number of specific strategies.

INDEX CARDS

The main points can be written out on cards to carry round with you. You can even design coloured symbols on the back. The symbols can then be used as a trigger for your memory.

POST-ITS

Stick post-its with key ideas in your bedroom, hallway or around the house. They can be re-ordered on a flat surface.

POSTERS

Dramatic and colourful posters which summarise ideas visually can be placed at eye level, or above.

REVIEW TO MUSIC

An enjoyable, easy way to remember. Music with 60-70 beats per minute is supposed to be the best to help your long term memory.

DRAMATIC MONOLOGUES

It can help you remember if you speak out loud, especially if the voices are outrageous.

GET A MANAGER

Make an arrangement with someone (other than a teacher) to listen to, test or interrogate you at fixed times.

HIGHLIGHTER PENS

Practice picking out the main points with a highlighter. Ask your teacher if you're right then have another go with something else.

AGAINST THE CLOCK

Make a game of answering as many questions as you can against the clock. Keep trying to beat your last score.

PRIZE BRIBES

Ask your parents to reward you with something good for reaching a target you set yourself.

VISUALISE IT

Conjure up pictures in your mind of what you're revising.

MAKE IT SILLY

Think up silly suggestions. Things that make us smile get remembered more easily.

TALK INTO A TAPE

This way you have to think about what goes in – and listen to what comes out.

POINTS OF VIEW

In partner revision, or by yourself, take one person's point of view – then swap over and argue the other side.

INTERVIEW

Set up an interview situation – but the questions are on what you're revising.

WALKABOUT

Help your memory by learning things in different places and unusual locations. Learn different chapters of a book, say, in different rooms. Or put index cards on the floor in different sequences and walk between them, memorising as you go.

COLOUR CARDS

Colour code your revision cards to help you.

DIAGRAMS AND FLOW CHARTS

Tree charts, flow charts, spidergrams, split lists, sets – all are useful for organising your thinking.

MNEMONICS

These make words out of the first initials, e.g. CHOPINS – Carbon, Hydrogen, Oxygen, Phosphorous, Iodine, Nitrogen, Sulphur.

READING OUT LOUD

Saying things out loud can help you by making you slow down and organise your thoughts.

TEST, COVER AND RE-TEST

Learn something, cover it and test yourself – then check. Repeat until a genius.

WORD GAMES

Use word games, e.g. a Stalagmite MIGHT reach the ceiling, and a Stalactite holds TIGHT to the ceiling.

BUDDY TESTING

Revise with a friend or group of friends. Some people do well when they bounce ideas off others.

PUZZLES

Make logic games, anagrams or puzzles out of what you're revising e.g. codes, symbols or crosswords.

POEMS

Make your subject matter into a rhythmical poem. Remember the rhythm – remember the facts!

KEEP A REVISION JOURNAL OR DIARY

For some, this allows a feeling of progress and a way to track your own progress.

COLLAGE

Make a collage of your main facts, pictures, symbols, cuttings, quotations, formulae etc.

JOURNEY ROUND THE KNOWN UNIVERSE

Put key ideas, cards or summaries at eye level around your room, in sequence. Visit them in order – then imagine you're visiting them. What do they say?

INSIST LISTS

Make lists of your MUST DO jobs – and carry them with you everywhere.

Command Words

So often time and marks are wasted by not reading a question correctly or by 'waffling', it is important that you recognize and understand the command words within the question before you attempt it to maximize your marks:

Describe	To provide a detailed account of a topic and give reasons for it.
Explain/Give Reason For/Account For	To give a clear account of your knowledge and understanding, or give reasons for why something is so.
Compare	To show how two, or more, things are different or similar.
Analyse	To identify important features of a subject and separate it into parts and examine how they relate to one another.
Clarify	To give reasons for.
Criticise	To examine all the positive and negative aspects of a topic.
Demonstrate	To examine and give evidence to support an argument.
Discuss	To examine by giving positive and negatives.
Evaluate	To discuss the worth, importance or usefulness of something by giving evidence to support your view.
Explore	To follow the development of something systematically from its origin.
Illustrate	To provide the main points, showing the main structure rather than great detail.
Interpret	To make compatible that which appears to be in conflict.
Justify	To give evidence which supports an argument or idea. Show why decisions or arguments were made considering objections others may make.
Outline	To provide a detailed description with examples.
State	To express briefly and clearly.
Summarise	To give a concise account of the main points omitting detail.
Suggest	To expand your knowledge and understanding to a topic you are not necessarily expected to know well and to transfer other knowledge to give a sensible account.

Memory Techniques

There are a number of memory techniques which may help you to develop a more effective memory. However, before you set out remembering everything in sight, it is important to CONDENSE what you need to learn. CONDENSING your work and identifying KEY WORDS are the first step to committing it to memory.

Depending on the subject you are studying, these might be:

NAMES

PLACES

DATES

FACTS/FIGURES

SEQUENCES

When you have identified the keywords, underline them or mark them with a highlighter. It is a good idea to use several pens of different colours. You could even develop a system that uses different colours for different information



RED
GREEN
BLUE
YELLOW
ORANGE

PEOPLE
PLACES
FACTS & FIGURES
QUOTATIONS
DATES

Spend about 10 – 15 minutes learning your list of keywords until you are confident you can recite the list (also that you know what each word means!)

Then, in the weeks leading up to your exam, spend about 5 minutes on 2 or 3 occasions to check through the list again. Nearer to the exam, check how well you have remembered the keywords. You should find it easy to recall the list again with only a few minutes revision.

Image Chains ...

The key to your memory is imagination. When you watch television, you expect to see a programme that captures your imagination. Unfortunately, the things you need to remember for your exams don't tend to possess the contents of a Hollywood blockbuster!

Image chains are an imaginative way to remember a list of random words by linking them to a story. The trick is to be imaginative and creative – the more so the better.

Use positive, pleasant images. The brain often blocks out unpleasant ones. Exaggerate the size of the important parts of the image. Use humour. Funny or peculiar things are easier to remember. Rude things are also easier to recall.

Symbols can be used. Bright, colourful images are easier to remember than dull ones. Try to use all the senses in your story by using sounds, smells, tastes, touch movements and feelings as well as pictures.



Example:

Spice Potato Dance Window Plant Finger Bin Wet Purple Log

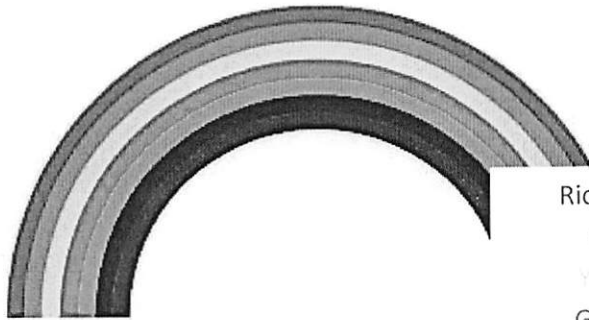
One day a spicy purple potato was dancing on a log but it was wet because it had been raining and so he fell off and knocked the plant off the window with his finger and it fell in the bin.

Your turn...

Tree House Dog Pencil Cheese

Triggers and Mnemonics ...

Take the first letter of each word you need to remember and use them to make an imaginative sentence. You should use this type of memory strategy to help you remember things IN THE RIGHT ORDER. You have used this one before:



Richard
Of
York
Gave
Battle
In
Vain

Naughty

Never

Elephants

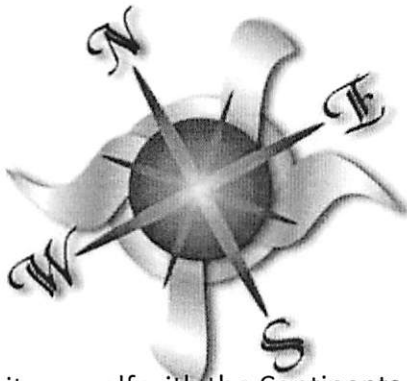
Eat

Squirt

Shredded

Water

Wheat



Try it yourself with the Continents of the World:

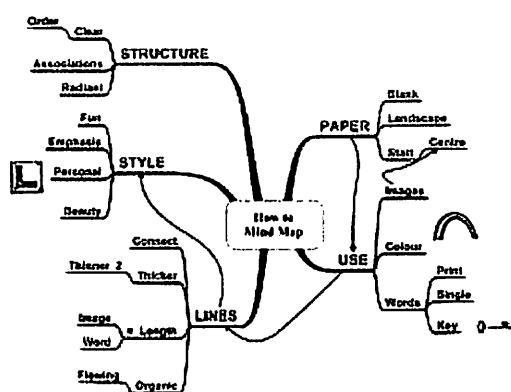
Europe	E
Asia	A
Africa	A
Oceania	O
Antarctica	A
North America	N
South America	S

Mind Mapping

This is a very effective way of representing large amounts of information in an attractive, easily-remembered way. You may have used a 'spider diagram' – which are very similar.

- ◇ Use a large piece of paper turned landscape.
- ◇ In the centre write a name of the topic that you are going to revise – and add a simple illustration if you wish.
- ◇ Now draw lines like branches (coming out from the centre) to represent the main areas of the topic. Each of these can be illustrated or could be in different colour – or a different type face.
- ◇ In turn, each of these could sub-divide into several more sections. Continue adding more branches until all the main information is on the mind map.
- ◇ The finished mind map could contain diagrams, names (and pictures) of important people, dates, places, etc. If it gets crowded, you could create a separate mind map for a particular section.

Mind maps start with a theme, have main ideas and are held together with details.



To make mind maps more memorable:

- ◇ Use doodles, pictures and diagrams.
- ◇ Use different colours.
- ◇ Use different type fonts.
- ◇ Use humour (cartoons), etc.
- ◇ Design your own (don't just copy other peoples).
- ◇ CONDENCE.

Case Studies

Case studies may be the bane of your life, but you can guarantee you WILL have questions which will require both vague and detailed answers to show your understanding.

They help to bring a theory to life and make the real work more engaging. They illustrate key points, key messages and how things are done in practice, but there is a lot of detail to remember so to break this down, as well as mind maps, a case study card can be used.

For example:

Case Study:			
Topic:			
Section Of Syllabus:			
Location:	Town/City/Region:	Country:	Continent:
What? When? Why? Facts And Figures:		What were the causes?	
What were the effects?		How can the changes be managed or solved? By whom?	
		What are the options for the future?	
Key Words:			

Book:	
Author:	
Date:	Genre:
Main Characters and Relationships:	Synopsis:
Key Chapter Plot:	Author Techniques:
Key Quotes:	

Separate subjects could be printed on different coloured paper, or each corresponding section in the same colour font.

The Process of Learning

1) Don't know and I don't know that I don't know Unconscious Incompetence	2) I don't know stuff and I realise that I don't know it Conscious Incompetence
4) I know it and I can do it even without having to think about it Unconscious Competence	3) I am beginning to get it and when I concentrate really hard and I know I am beginning to get it Conscious Competence

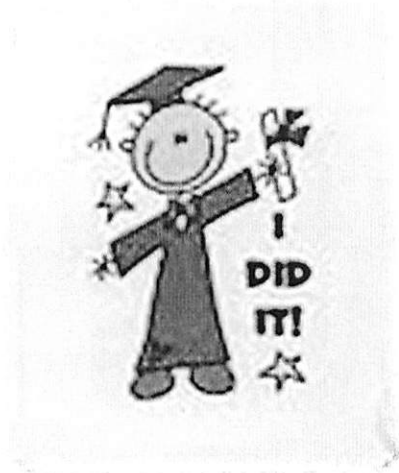
Your turn:

Work with a partner and each take a turn to do this exercise:

Think of a time when you were very motivated to do something and it was a challenge and you achieved it (it could be school work, learning a sport, or something artistic).

How did you keep yourself motivated (wanting to stick to it and keep trying) so that you moved from box two to box three and box four?

How did you overcome any setbacks you experienced?



Stress Busters

“There is no such thing as failure – only feedback”

Everyone gets nervous before an exam and has different ways of dealing with it. How you respond to stress may impact on your attainment. Below are some suggestions to help you relax and concentrate both before and during the exam:

Visualisation

- ◊ Visit the exam room so you are familiar with its set up.
- ◊ Keep visualising the journey from your house to the exam room.

Relaxation

- ◊ Start from the toes: Clench for ten seconds and R-E-L-A-X.
- ◊ Move up the body, clenching and relaxing.

Breathing

- ◊ Empty your lungs out and hold for as long as possible.
- ◊ Then breathe in slowly.

The Three Minute Breathing Space

Your breathing space provides a way to step out of automatic pilot and reconnect with the moment at hand.

Awareness

Bring yourself into the present moment by deliberately adopting an upright and dignified posture. If possible, close your eyes and ask: “What is my experience right now...in thoughts...in feelings...and in body?”

Acknowledge and register your experiences, even if it’s unwanted.

Gathering

Then, gently redirect your full attention to your breathing, to each in and out breath as they flow, one after the other.

Your breathing can be used as an anchor to bring you to the present and help you to tune into a state of awareness and stillness.

Expanding

Expand the field of your awareness around your breathing, so that it includes a sense of body as a whole, your posture and facial expression.

Worry Busters

Write down your concerns

This immediately helps you to feel calmer and more objective.

Ask the key question: Are these worrying thoughts helpful?

If they are drawing your attention to something that needs dealing with, then start the pattern for dealing with things in the next three points below:

Face the worst

What's the worst that could happen? Write it down. Now write down a few ways you'd cope if it did happen. Create a plan A and an alternative plan B, then think of the ways to make the worse less likely.

Get the facts

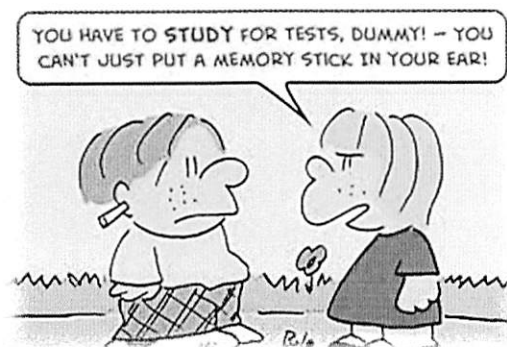
Worry can arise from confusion, or trying to make a decision without enough knowledge. Imagine you are collecting all the facts for someone else will help you stay calm and objective, or try to imagine you're a lawyer, whose job it is to stay impartial.

Analyses the facts once you have them

Decide what to do. DO IT!

Use your night thoughts

When you've a worry, your mind goes on thinking about it during the night. Lie still for a few minutes when you wake to give helpful ideas a chance to drift into your mind.



The Day of the Exam

Do not try to do any revision on the day of the exam. Get to school on time – you do not want to start the exam feeling flustered because you arrived late. Try not to get drawn into conversations with your friends about what revision they have done and what questions might be asked in the exam. This would cause unnecessary panic.

In the exam read the instructions on the front of the paper to make sure you understand what you have to do. For example, you may not need to answer all the questions. When answering a question, re-read the question carefully to make sure you understand exactly what it is asking. Pace yourself with time. Do not spend too much time on any one question. Do not waste time giving too detailed an answer to questions which only carry a few marks. Finally, read through your answers at the end to check your spellings and any careless mistakes.

Revision planners

Weekly Revision Planner

Week beginning:

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
07.00							
07.30							
08.00							
08.30							
09.00							
09.30							
10.00							
10.30							
11.00							
11.30							
12.00							
12.30							
13.00							
13.30							
14.00							
14.30							
15.00							
15.30							
16.00							
16.30							
17.00							
17.30							
18.00							
18.30							
19.00							
19.30							
20.00							
20.30							
21.00							
21.30							
22.00							
22.30							
23.00							

Preparing for examinations: What do I need to know?

The most important part about revising for examinations is to determine what you need to know and where you can find the information. Fill in the table below to help:

Examination subject:

Date of examination:

Topic in Specification	Exactly what do I have to do/learn/know	Source of material/information (include page references)

Monthly /Daily Revision Timetable

Day	Date	Subject	Topic	Details
day	1			
day	2			
day	3			
day	4			
day	5			
day	6			
day	7			
day	8			
day	9			
day	10			
day	11			
day	12			
day	13			
day	14			

day	15			
day	16			
day	17			
day	18			
day	19			
day	20			
day	21			
day	22			
day	23			
day	24			
day	25			
day	26			
day	27			
day	28			
day	29			
day	30			
day	31			

SUBJECT INFORMATION

MATHEMATICS

What will the examination involve?	There will be two papers each lasting 1 hour. One non-calculator and one calculator paper. The papers will be questions from a GCSE paper.
Main topics for revision	Number: fractions, powers and indices and standard form. Algebra: linear equations, quadratics and changing the subject. Shape and space: transformations, area, perimeter and volume, graphs and trigonometry. Statistics: averages, cumulative frequency and probability.
What can a student do to prepare?	First learn key facts and procedures and then practice their application on questions of an appropriate standard. Going through the CAT tests done this year thoroughly would also help.
Useful resources	Use www.mathspace.co.uk and links available on the school website and on FROG (VLE).

ENGLISH LANGUAGE

What will the examination involve?	One hour long paper This involves reading a non-fiction passage from the 19th century and one from the 21st century and answering questions on these.
Main topics for revision	This task is skills based. Studying the type of language used in <i>Dr Jekyll and Mr Hyde</i> or <i>War of the Worlds</i> – both nineteenth century novels -is one way we have been preparing for the more demanding part of this comprehension.
What can a student do to prepare?	Read non-fiction in good newspapers/magazines etc. as well as looking over any 19 th non-fiction you have in your folder.
Useful resources	Look at the YEAR 10 Language section on FROG where there are useful links to the exam board website as well as other materials.

ENGLISH LITERATURE

What will the examination involve?	Two questions. <ul style="list-style-type: none"> • A <i>Macbeth</i> essay question for which you will have 40 minutes. This will be closed book. • An unseen poetry question for which you will have one hour.
Main topics for revision	<i>Macbeth</i> is knowledge and skills based The poetry question is skills based
What can a student do to prepare?	<ul style="list-style-type: none"> • <i>Macbeth</i> will need to be revised in great detail. The question will be based on ONE character from the play. • Revise anything you have done on poetry. Although you won't have seen the poems before, you will need to use all the analytical skills you have learned in going through the poems for the pre-prepared poetry paper.
Useful resources	Look at the YEAR 10 Literature section on FROG where there are useful links to the exam board website and other materials.

PHYSICS

What will the examination involve?	1 x 1 hour paper of GCSE questions – short and long answers.
Main topics for revision	Heat transfer, Energy transfers, Paying for Electricity, Waves including Doppler effect and the Big Bang. Forces and Motion (including energy and momentum) and Electric Circuits
What can a student do to prepare?	Use their class notes and CATs. Check their notes and do past paper practice.
Useful resources	Use their revision guides and work on the P1 and P2 pages on FROG (VLE) as well as Kerboodle, BBC Bitesize and GCSEPod. The AQA website holds all past papers.

BIOLOGY

What will the examination involve?	2 papers of 40 minutes in length Paper 1: unit B1 Paper 2: unit B2
Main topics for revision	B1 topics: keeping healthy, coordination and control, medicine and drugs, adaptation for survival, energy in biomass, variation and evolution. B2 topics: cells, tissues, organs, enzymes, respiration, inheritance, old and new species.
What can a student do to prepare?	Use the revision guide, learning grids, kerboodle activities, GCSEPod, past exam questions and FROG (VLE).
Useful resources	GCSEPod, GCSE Bitesize revision, kerboodle (has the online text

	book), AQA GCSE website for past exam questions and FROG (VLE).
--	---

CHEMISTRY

What will the examination involve?	1 x 1 hour paper of GCSE questions – short and long answers. 60 marks in 60 minutes.
Main topics for revision	All C1/2 topics covered from Year 9/10
What can a student do to prepare?	Review aims. Ensure facts are known off by heart. Review previous CAT assessments to get used to style of questions. Ensure that old examination questions on FROG (VLE) are completed and self-marked.
Useful resources	BBC Bitesize www.docbrown.info www.kerboodle.com https://www.youtube.com/user/myGCSEscience/videos

HISTORY

What will the examination involve?	35 minute section A of Paper 2.
Main topics for revision	The Tsar and Lenin.
What can a student do to prepare?	Revise the Tsar and Lenin. Ensure they understand the structure of Section A.
Useful resources	Their exercise books. BBC Bitesize GCSE History Modern World. FROG (VLE).

GEOGRAPHY

What will the examination involve?	1 paper 1 hour 30 minutes in length Short and long questions
Main topics for revision	Restless Earth Rocks Rivers
What can a student do to prepare?	Use exercise book notes Use CGP revision guide Use revision booklet Make revision summary notes Learn case studies
Useful resources	FROG (VLE) Cool Geography AQA textbook CGP revision guide

RE

What will the examination involve?	The exam will generate the CAT 4 assessment.
Main topics for revision	Poverty in the UK – Christian Responses.
What can a student do to prepare?	<p>Research – facts and data on UK Child Poverty. Research Grantham's Churches Together Food Bank. Why do we need Food Banks?</p> <p>Grantham Foodbank - restoring dignity, reviving hope ... www.granthamfoodbank.org.uk/</p> <p>Grantham Foodbank was launched in July 2011 under the auspices of Churches Together in Grantham to provide emergency food help to local people.</p>
Useful resources	<p>King's School RE GCSE Revision and Resources booklet – all students should have their copy already, extra copies on request.</p> <p>BBC - GCSE Bitesize - Religious Studies www.bbc.co.uk/schools/gcsebitesize/rs/</p>

GERMAN

What will the examination involve?	<p>Writing Speaking Listening and reading</p> <p>Exact dates will be issued to students' by their subject teachers.</p>
Main topics for revision	<p>Leisure activities Family, friends and relationships</p>
What can a student do to prepare?	Revise vocab lists and grammar points from the textbook, topic booklet and their exercise books.
Useful resources	<p>Logo 3 – textbook www.languagesonline.org.uk www.linguascope.com www.klar.co.uk</p>

FRENCH

What will the examination involve?	<p>Listening and Reading exams</p> <p>Speaking and Writing exams</p>
Main topics for revision	<p>Speaking and Writing exams will be the first submissions made by pupils for GCSE Controlled Assessment.</p> <p>This will involve preparing and doing one task for Speaking and one for Writing, with tasks based on the Topic 2 Area 'Health and Sport'. Pupils will need the topic booklet and résumé, as well as exercise book and any other relevant materials to prepare for these tasks.</p> <p>Preparation for Speaking will be in the week of May 3rd, with the task itself being undertaken in the week of May 9th.</p> <p>Preparation for Writing will be in the week of May 23rd, with the task being completed in the exam week of June 6th.</p> <p>Precise dates for all exams will be specified by set teachers.</p>
What can a student do to prepare?	<p>Very careful preparation of the Controlled Assessment questions should be undertaken in the period prior to those exams.</p>
Useful resources (books, websites etc.)	<p>Pupils should use the unit résumé, the booklet of material issued for this unit and any work completed in the exercise book.</p>

ART

What will the examination involve?	Students will sit a two day examination on Monday 8 and Tuesday 9 June. Students will make a work based on the current theme.
Main topics for revision	Sketch book studies. Drawing/Painting/Photographing from observation. Artist studies and gathering images from own experiences.
What can a student do to prepare?	Sketch book studies. Drawing/Painting/Photographing from observation. Artist studies and gathering images from own experiences.
Useful resources	The Art department library.

DT – RESISTANT MATERIALS

What will the examination involve?	<p>EDEXCEL GCSE Resistant Materials exam paper.</p> <p>You will complete one paper. The paper starts with quick questions which progressively get harder. This includes multiple choice questions to extended comparison questions with reasoned justification. The total marks of the exam paper are 64. Below are the grade boundaries.</p> <table><tr><td>A* = 59 marks (92%)</td><td>A = 54 marks (84%)</td><td>B = 47 marks (74%)</td></tr><tr><td>C = 41 marks (64%)</td><td>D = 35 marks (54%)</td><td>E = 28 marks (44%)</td></tr></table>	A* = 59 marks (92%)	A = 54 marks (84%)	B = 47 marks (74%)	C = 41 marks (64%)	D = 35 marks (54%)	E = 28 marks (44%)
A* = 59 marks (92%)	A = 54 marks (84%)	B = 47 marks (74%)					
C = 41 marks (64%)	D = 35 marks (54%)	E = 28 marks (44%)					
Main topics for revision	<ul style="list-style-type: none">• Timbers, Metals and Plastics – categories, types, names, characteristics and uses.• Tools and equipment• Health and safety• Environmental issues / recycling and built in obsolesce• Plastic and Metal industrial manufacturing processes						
What can a student do to prepare?	<p>Revise using information from their current exercise books.</p> <p>Use available websites and text books.</p> <p>Create mind maps to test knowledge of specific topics as well as question and answer each other on specific topics.</p>						
Useful resources	<p>Websites:</p> <ul style="list-style-type: none">• Design Technology student - www.technologystudent.com• BBC Bite size - www.bbc.co.uk/schools/gcsebitesize <p>Text books:</p> <ul style="list-style-type: none">• EDEXCEL Resistant Materials• Lonsdale GCSE D&T Resistant Materials Revision Guide						

DT – GRAPHICS

What will the examination involve?	<p>AQA Graphic Products GCSE exam paper 2013.</p> <p>The paper is split into 2 sections (Section A and B). Section A has preliminary material and Section B is general knowledge of Graphic Products. The total marks of the exam paper are 120. Below are grade boundaries for the paper.</p> <table><tr><td>A* = 88 marks</td><td>A = 80 marks</td><td>B = 72 marks</td></tr><tr><td>C = 64 marks</td><td>D = 56 marks</td><td>E = 48 marks</td></tr></table>	A* = 88 marks	A = 80 marks	B = 72 marks	C = 64 marks	D = 56 marks	E = 48 marks
A* = 88 marks	A = 80 marks	B = 72 marks					
C = 64 marks	D = 56 marks	E = 48 marks					
Main topics for revision	<p>Using the AQA text book as a guide, there are 22 topics which will be essential when preparing for year 11. Currently, the main topics are:</p> <ul style="list-style-type: none">• Sketching techniques• Key Designers• Presentation• Surface developments or nets• ICT• Printing• Print finishes• Packaging and Patents• Copyrights• Registered designs and trademarks						
What can a student do to prepare?	<p>The students will need to research the preliminary material (Section A). Context: Packaging that is used to promote products. Section B – The student will need to bring the correct Graphic products stationary to the exam as there will be drawing tasks.</p>						
Useful resources	<p>Resources which the students may find useful are:</p> <p>Websites:</p> <ul style="list-style-type: none">• Design Technology student - www.technologystudent.com• BBC Bite size - www.bbc.co.uk/schools/gcsebitesize/design/ <p>Text books:</p> <ul style="list-style-type: none">• AQA Graphic Products• Collins GCSE D&T Graphic Products Essentials						

MUSIC

What will the examination involve?	The exam will be in the form of one listening and written examination lasting 1 hour. Section A will include short answers in response to extracts of music taken from the 6 set works studied in Area of Study 1 and Area of Study 2. Section B will involve one longer written answer chosen from two optional questions and will require detailed explanation of musical devices used within a set work.
Main topics for revision	Area of study 1 – Handel And the Glory of the Lord; Mozart Symphony no. 40 and Chopin Raindrop Prelude. Area of Study 2 – Schoenberg – Peripetie; Bernstein ‘Something’s Coming from West Side Story and Reich Electric Counterpoint.
What can a student do to prepare?	Listen to each extract through FROG (VLE) and read notes. Follow the score for each set work. Revise facts under each musical category: Melody, Rhythm/tempo, Metre, Structure, Dynamics/Expression, Instrumentation, Harmony, Accompaniment/Texture and Tonality.
Useful resources	Edexcel Anthology of Music and accompanying text book CGP Edexcel GCSE Music BBC Bitesize FROG (VLE)

COMPUTING

What will the examination involve?	1 paper sat in lessons. 30 minutes.
Main topics for revision	Computer hardware and internal components. How the WWW and the internet works. Web programming in HTML. Basic programming concepts and programming in Visual Basic. Note: As this is a practical subject, the exam will only account for a proportion of their final grade - the majority of their mark is based on their folder of programming work.
What can a student do to prepare?	Use FROG (VLE) and their folders to prepare the topics covered. There will be some recap lessons before the exam.
Useful resources	Folder R drive teacher resources available through FROG. BBC Bitesize ICT

ICT

The GCSE ICT course is coursework based and consequently a grade will be given to reflect current progress.

PE

What will the examination involve?	1 paper 1 hour AQA Past Paper written questions
Main topics for revision	Skeleton, Muscles, Heart & Circulatory, Lungs & Respiratory System, Training, Diet and Individual Differences. (Chapters 1-8)
What can a student do to prepare?	Revision of course files. Analysis and reflection of end of unit test results and feedback. AQA past paper practice.
Useful resources	Course file www.aqa.co.uk

BUSINESS STUDIES

What will the examination involve?	1 paper 60 marks 1 hour – AQA past paper (Unit 1 Setting up a Business - 413001) Mixture of short, medium and long answer questions
Main topics for revision	Business and enterprise, Starting a business, Marketing, Finance, People in Business and Operations Management (see student booklets)
What can a student do to prepare?	Revise key terms from the textbook. Look through student booklets completed in class Re-do exam practice questions Practice past papers (available from Miss Leek).
Useful resources	<ul style="list-style-type: none"> • AQA Business Studies for GCSE – Student Textbook • Completed student booklets • http://www.aqa.org.uk/subjects/business-subjects/gcse/business-subjects-and-economics-4130/spec-at-a-glance • Frog (VLE)



THE KING'S SCHOOL

GRANTHAM

Isaac Newton's School

Brook Street, Grantham, Lincolnshire NG31 6RP
Telephone: 01476 563180 • Fax: 01476 590953

www.kings.lincs.sch.uk

Head Master: Frank Hedley MA