Year 7 Revision Booklet
2017

Introduction

With the exams approaching, now is the time to start revising. There will be several assemblies focusing on revision from both Mr Jackson-Turnbull and myself. You will also have some time in PSHE lessons to look at revision techniques and possibly try out a few ways of effective revision. The most important thing is to make sure that your notes are complete. If there are gaps of any sort you must ensure you copy these up, or perhaps copy someone's book and stick this in your own exercise book, (it goes without saying that this work must be acknowledged as your friend's work).

This booklet is designed to signpost the main areas for revision but your subject teachers may well give you more detailed information and guidance. Maths sets will be told which topics will be tested from the full list included here - please see your Maths teacher for these.

Finally, remember that the exams are not something to stress or worry about, but rather an opportunity to celebrate what you know.

Exams begin on Thursday 8th June. Please note that there are no Art, DT, Music, ICT or PE exams as these practical subjects are assessed throughout the year.

Good luck!

Miss Jones
Head of Year 7

Revision Techniques

1. Mindmaps
2. Revision cards
3. Post-It notes for key words and definitions
4. Hot seating with friends or family
5. Note taking
6. Write your own test/exam
7. Teach the topic to parents/friends/siblings
8. Parents as examiners
9. Mnemonics
10. Read aloud, record on phone, listen back
11. Re-do past worksheets and tasks
12. Make a revision game (pairs, snap, snakes and ladders with questions to answer)
13. Revision Apps

- Quizlet
- Simplemind
- Flashcards
- Speakeasy
- Book Creator
- Spark Video

English

There is no prescribed 'revision' as such for English at Year 7: the exam will consist of a comprehension of an unseen passage, plus a piece of personal writing. You will be expected to use the skills and techniques practised during the year.

Maths

1. Number patterns and sequences.
2. Factors and multiples.
3. Equivalent fractions.
4. Addition, subtraction and multiplication of fractions.
5. Decimals.
6. Negative numbers.
7. Rounding to a given number of decimal places.
8. Working with whole numbers.
9. Multiplying and dividing decimals.
10. Percentages.
11. Simplifying expressions and solving simple equations.
12. Formulas.
13. Harder equations e.g. letters on both sides.
14. Order of operations (BIDMAS), brackets and simple factorisation.
15. Graph plotting.
16. Coordinates in all 4 quadrants.
17. Straight lines and conversion graphs.
18. Angle properties.
19. Angle sum of a triangle and of a quadrilateral.
20. Parallel lines.
21. Perimeter, area and volume of trapeziums, rectangles, triangles, parallelograms and cuboids.
22. Constructing triangles from given data.
23. Working with metric units.
24. Bearings.
25. Mean, median, mode and range.
26. Simple ideas in probability.
27. Pie charts.

Physics

1. Measurement and approximation.
2. Measuring equipment.
3. Units of measurement.
4. Electricity.
5. Complete Circuits.
6. Circuit symbols and diagrams.
7. Series circuits.
8. Electrical conductors and insulators.
9. Parallel circuits.
10. Current and ammeters.
11. Forces.
12. Types of forces.
13. Force diagrams.
14. Measuring forces (equipment and unit).
15. Friction and lubrication.
16. Elastic forces/springs.
17. Earth and space.
18. Day, night and seasons.
19. Moon.
20. Solar System.
21. Satellites.
22. Density.
23. Use of density equation.
24. Density of regular shaped solids.
25. Floating and sinking.
26. Density of irregularly shaped solids.
27. Density of liquids.
28. Energy.
29. Energy forms/types.
30. Energy transfers/conversions.
31. Measuring energy (unit).
32. Expansion and contraction.

Chemistry

1. Safety.
2. Chemical reactions.
3. Acids and alkalis.
4. Separation techniques.
5. Particles and their behaviour.

Biology

1. Characteristics of living things.
2. Biological keys.
3. Classification - outline of 5 kingdoms.
4. Variation.
5. Microscopes parts of and use of.
6. Cells structure and function.
7. Specialised cells.
8. Reproduction - generally.
9. Human reproduction.

Please see revision booklet, given to you by your class teacher.

Geography

Where in the world?

1. Definitions of physical, human and environmental geography.
2. Location of:
   - continents
   - major world oceans and seas
   - major world rivers
   - major mountain ranges
3. Longitude and latitude.
4. UK physical geography:
   - countries
   - mountain ranges
   - rivers
   - oceans/seas
5. UK human geography:
   - Capital cities.

Rivers

1. The hydrological cycle.
2. Features of a drainage basin.
3. Processes of erosion.
4. Transportation.
5. Deposition.
6. A river's long profile - how a river changes from source to mouth.
7. River landforms/features:
   - v-shaped valleys
   - waterfalls
   - meanders

Settlements Module

1. What is a settlement?
2. Define site and situation.
3. Choosing the best site for a new settlement.
4. Settlement patterns (nucleated, linear, dispersed).
5. Central business districts CBD.

History

The History exam will be split between source work questions and an essay. Source work will feature a range of written extracts and pictures with primary and secondary sources possible. The questions will test understanding and analysis of the sources, and your ability to put them into context.

The essay will have three parts, worth 4, 6 and 10 marks. You will need to show that you know the topic, and that you can use your knowledge to answer the questions.

Students will be very familiar with the format to the exam from their assessments earlier in the year. The exam will test this year's work on Medieval England.

French

Format And Length Of Exam: 1 hour for the skills of listening, reading and writing. A short speaking exam will be done with the French Assistant or your teacher before the exam week (your teacher will inform you of the time in advance).

Main Topics For Revision:

Module 1

Talking about your school survival kit.
Likes and dislikes.
Describing yourself and others.

Module 2

School subjects.
Opinions and reasons.
Describing your timetable.
Telling the time.
Talking about food.

Module 3

Sports and hobbies; likes and dislikes.
Talking about computers and mobile phones.
Using the verb faire.
Using the verb jouer.

Module 4

Talking about your town/village.
Using Il y a.
Giving directions.
Using the verb aller.
Arranging to go out.

Module 5

Talking about holidays.
Shopping.
Ordering food and drink.

Grammar:

- Present tense regular verbs (p22 and p64).
- Key irregular verbs, including 'avoir', 'être', 'faire' and 'aller' (p22, p64 & p84).
- Adjective agreement (p23).
- The partitive article – du/de la/des/de l' (p45).
- Modal verbs – vouloir/pouvoir (p85).

This is not a definitive list, but it should help you focus your revision.

Further Advice

- Use the text book and your class notes to revise vocabulary and spellings.
- Reading comprehension and grammar exercises will be based on the topics of each unit.

How Can I Check My Revision Progress?

Work through the "Bilan" sections in your textbook, modules 1-5.

Since you will need to be able to show that you can communicate clearly in French, revise your grammar and vocabulary by using: www.linguascope.com (username: wgs - password: normandy) you could also use an app such as Quizlet to create your own vocabulary revision lists and Active Learn.

German

Format And Length Of Exam: 1 hour for the skills of listening, reading and writing. A short speaking exam will be done with the German Assistant or your teacher before the exam week (your teacher will inform you of the time advance).

Main Topics For Revision:

Module 1
The sounds of the German alphabet.
Introductions.
Numbers 1-19.
Personal introductions (where you live; what you are like and your favourite things).

Module 2
Describing pets.
Numbers up to 100.
Colours.
Dates and saying when your birthday is.
Talking about your family.

Module 3
Sports and hobbies; likes and dislikes.
Saying how often you do things.
Talking about your family.

Module 4
School subjects.
Times and days of the week.
Describing teachers.
Talking about things in the classroom.

Module 5
Talking about things in town.
Shopping.
Ordering food and drink.

Grammar:

- Nouns and genders (p.22).
- Regular verbs (p.23 and p.44).
- Key irregular verbs, including 'haben' and 'sein' (p.23 and p.68).
- Pronouns and possessive pronouns (p.45 and p.90).
- Word order (p.69 and p.90).

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How Can I Check My Revision Progress?
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Since you will need to be able to show that you can communicate clearly in German, revise your grammar and vocabulary by using: www.linguascope.com (username: wgs - password: normandy) you could also use an app such as Quizlet to create your own vocabulary revision lists and Active Learn.

Religious Studies

Introduction to RS

1. Main features of a religion and a specific example from each one.
2. Basic information about the six world religions.
3. Signs and symbols and how they are used.
4. The main symbols of the six major world religions and what they stand for.
5. Definitions of a theist, monotheist etc.
6. Characteristics of God (The 'Omni' words).

Christianity

1. Jesus of History/Christ of Faith.
2. Denominations.
3. Things Christians use.
4. The Bible (the authority of the Bible, contents and how it is used).
5. Holy Communion.

Sikhism

1. 'Land of the Five Rivers'- the religious History and Geography of the Punjab.
2. The Ten Gurus.

Thinking About Revision

Getting prepared – Revision Plan

- *Start with a plan – a blank timetable is best.*
    - *Add the dates of your exams*
    - *Include any clubs or activities that you do*
    - *Add any important dates (birthdays etc.)*
- *Now add your subjects – aim to revise 2 subjects per night and 3 subjects per day at the weekend. Don't forget homework – you may still have homework to complete so allocate a time to do that too!*
- *Don't forget to devote equal time to all of your subjects (don't ignore the ones you find hard or don't like – they need attention too!).*
- *And don't forget relaxation time, though make sure it is <u>after</u> you have done your homework and revised.*

Get organised

- *You will need pens, pencils, coloured crayons, highlighters, paper, a file to keep your notes in and a quiet place to work.*
- *Find out from your teachers what you need to revise. Be prepared – they might say EVERYTHING! Indicate this on your revision lists.*
- *Now go through your revision lists and identify any areas you are unsure of – This is where you will need to start your revision!*

What next? – Revision Lists

- *Now you have a **revision plan**, you need to know what to revise!*
- *Start with a blank sheet of paper and write the subject at the top, e.g. Geography.*
- *Open your exercise book or file and starting at the beginning, list all of the topics you have covered in class.*
- *Repeat for each subject.*
- *You now have **revision lists** for every subject.*

Just get started!

- *Spend no more than 30 minutes on any subject.*
- *Take a short break (5-10 minutes).*
- *Change subject and work for another 30 minutes.*
- *Tick off the topics as you revise them – This is REALLY important as it will give you a sense of achievement and allow you to see what you have covered and what is still to do!*

Wolverhampton Grammar School
Compton Road
Wolverhampton
WV3 9RB
01902 421326

www.wgs.org.uk
@WGS1512
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