

Year 7 Revision Guide 2017

Below are the details of subjects and topics which students should be revising for their end of year exams. In addition to this, support materials are listed which should be consulted to help prepare for the exam.

Arabic

Non-Native

The end-of year exam covers the following topics:

1	In the Morning	1- في الصّباح
2	My Favourite Subject	2- مادّتي المفضّلة
3	Why?	3- لماذا؟
4	My Schedule	4- جدّول الجّصص

The students are advised to revise from their copybooks.

Arabic Native

الدّروس المطلوبة في الاختبار النهائي لمادّة اللغة العربيّة

الصفحة	عنوان الدّرس
34 إلى 41	السّدّ العظيم
140 إلى 150	نسيم غرناطة
151 إلى 155	أسلوب النّهي
170 إلى 197	الكبسولة السّحرية
167 إلى 169	المفعول المطلق

Islamic Studies

Islamic / Native:

الدّروس الآتية من الكتاب المدرسيّ الجزء الثّاني :

1. الدّين يسر ص (30-36).
2. صلاة المسافر والمريض ص (58-63).
3. نعيم الحياة ص (66-72).
4. كفالة اليتيم ص (74-78).
5. التّواضع ص (80-86).
6. صلاة التّطوع ص (88-94).

Islamic / Non - Native:

Chapters included:

- 1. Unit D: Prophet Muhammad calls for peace: Chapters {1, 2, 3, 4}.**
- 2. Unit E: Prayer is light.**
- 3. Chapter{1,2}.**

Design Technology

All students in year 7 will have a one hour Design Technology examination during lesson time.

Units of work or topics covered that need to be revised include:	Resources that will help with this revision
Graphic Products <ul style="list-style-type: none">• Learn about CAD and Cam and what they mean.• Understand the advantages and disadvantages of using CAD and CAM• Understand the advantages and disadvantages of using drawing skills when designing.	Revision notes.
Food and Nutrition <ul style="list-style-type: none">• Learn about the eatwell plate. Be able to explain the 5 different sections of the plate and why each section is important.• Make sure you understand the hygiene and safety rules you need to follow when working in a kitchen.• Recipe creation and dish design.	Revision notes

<p>Textiles</p> <ul style="list-style-type: none"> • Parts of the sewing machine • Decorative techniques – applique, embroidery, stencil and block printing • Safety rules 	Revision notes
<p>Resistant Materials</p> <ul style="list-style-type: none"> • Health and safety in the workshop • Hand tools usage and safety • Thermoplastics and thermosetting plastics • Use of the pillar drill, scroll saw and vacuum former. 	Revision notes

English

Units of work or topics covered that need to be revised include:	Ideas to help you in your revision
Writing to describe	<ul style="list-style-type: none"> • Whilst reading your chosen novel, record ideas about how certain characters are introduced and described. Discuss this with someone at home and then have a go at writing your own description. <p>http://www.bbc.co.uk/bitesize/ks3/english/writing/inform_explain_describe/revision/1/</p>
Setting	<ul style="list-style-type: none"> • Whilst reading your chosen novel, record words and phrases used to describe setting. How has the writer done this? Have a go at writing your own novel setting.
Genre	<ul style="list-style-type: none"> • Revise all of the different genres you know and have covered in school and make a word bank for each genre. <p>http://www.bbc.co.uk/education/guides/zvbcwmn/revision</p>
Punctuation and varied sentences	<ul style="list-style-type: none"> • You should be aware of how to use a range of punctuation and sentence structures accurately and for effect.

	<p>http://www.bbc.co.uk/bitesize/ks3/english/writing/inform_explain_describe/revision/1</p>
Literary devices	<ul style="list-style-type: none"> • Write lists of your own metaphors and similes • Include alliteration, personification, onomatopoeia • Sibilance and assonance (extension) <p>http://www.bbc.co.uk/bitesize/higher/english/critical_essay/techniques/revision/6/</p>
Vocabulary choices	<ul style="list-style-type: none"> • Keep a vocabulary book at home with any new vocabulary you come across. You might also like to include synonyms too and make sure you learn those spellings.
Planning strategies	<ul style="list-style-type: none"> • Make sure you practise your writing at home. You may write detailed plans for describing people, places and things! Remember to check your work to see if you can make any improvements.
Spellings	<ul style="list-style-type: none"> • http://www.bbc.co.uk/education/subjects/z3kw2hv

Geography

Students should revise from their copy book, as well as viewing the lessons and key skill checklists on our department website (albateengeography.weebly.com).

Year 7 students should be able to;

- ✓ describe the location of a place, using scale, direction, co-ordinates and other geographical feature.
- ✓ describe the pattern in a graph by commenting on the pattern, using data and identifying an anomaly.
- ✓ describe a map, by commenting on the pattern, using data and/or place names, also identifying an anomaly.
- ✓ use direction, scale, grid references and co-ordinates.
- ✓ explain the cause and consequences of processes, using connectives like because and therefore to develop my answer; supporting my answer with evidence (data/specific names).
- ✓ evaluate decisions; explaining the advantages (strengths) and disadvantages (weaknesses); supporting my answer with evidence (data/specific names).

Students should also revise the following topics to support their learning; describe, explain and evaluate answers.

Year 7
Aral Sea (Resourceful World - not studied yet)
Earthquakes (Destructive World)
River Flooding (Natural World - not studied yet)

History

Students will be expected to revise all topics covered in the Ancient China course. This will include study on what is meant by a civilization, the achievements of Emperor Qin, the Terracotta army and the Great Wall of China. Furthermore students will need to complete revision on life in Ancient China, including Chinese entertainment and customs.

Units of work or topics covered that need to be revised include:	Resources that will help with this revision (Details of books, units in books, web resources etc.)
1. What is a Civilization?	Textbooks: C. Gleisner, Imperial China (all chapters)
2. What were Marco Polo's observations of Ancient China?	Websites: http://www.ducksters.com/history/china/ancient_china.php
3. Who was Emperor Qin and what were his achievements?	Nearpod: Students can visit www.nearpod.com on a computer or apple device. They should enter the PIN code given to them by individual teachers for a PowerPoint based on Ancient China.
4. The Great Wall of China	
5. Why were the Terracotta Army built?	
6. What was life like as a Peasant in Ancient China?	
7. How did the Ancient Chinese entertain themselves?	
8. What medicine did the Ancient Chinese use?	
9. Did the Ancient Chinese trade?	
10. Did the Ancient Chinese invent anything?	

Languages

	French + Spanish
Y7 Term 3 topic	School
Y7 End of Year exam	Reading: assessment on topic of school

	Writing: recap of all year including last topic
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Units of work or topics covered that need to be revised include:	Resources that will help with this revision (Details of books, units in books, web resources etc.)
See table above	Vocabulary sheets stuck in exercise book for Modules 1 to 3 The Writing task will be prepared in class with the help of the teacher. Students will be expected to then practise at home prior to the exam. This might involve memorising their drafts, complete a storyboard etc...
	www.linguascope.com Login details in students' planner

Mathematics

The exam will consist of two written papers each 1 hour long. Paper 1 will be non-calculator and will take place during the exam schedule the other Paper will be a calculator exam which will take place in lessons the week before. There will also be a 20 minute mental arithmetic test the week before the scheduled exams.

Below is a list of all the work which could be on the exams along with basic number work which you would be expected to know at this stage of your education.

We will practice mental arithmetic during lessons prior to the exams.

You will be expected to be still working on the course up to one week before the first exam, so your own revision is important.

Units of work or topics covered that need to be revised include:	Resources that will help with this revision (Details of books, units in books, web resources etc.)
understand and use decimal notation and place value	Text resource depending on the set 7a, 7b, 7c which can be found on edmodo.

multiply and divide integers and decimals by 10, 100, 1000, and explain the effect	Use the consolidation section in each of the chapters to assist the revision process. Along with www.mymaths.co.uk And Any worksheets that the department give as revision material
compare and order decimals in different contexts;	
round positive whole numbers to the nearest 10, 100 or 1000	
round positive decimals to the nearest whole number or one decimal place	
understand negative numbers as positions on a number line;	
order, add and subtract integers in context	
use the order of operations, including brackets	
measure and draw lines to the nearest millimetre and angles, including reflex angles, to the nearest degree	
know the sum of angles at a point, on a straight line	
know the sum of angles in a triangle; recognise vertically opposite angles	
identify and use angle, side and symmetry properties of triangles and quadrilaterals; explore geometrical problems involving these properties, explaining reasoning orally, using step-by-step deduction supported by diagram	
choose and use units of measurement to estimate and measure	
convert one metric unit to another, e.g. grams to kilograms	
Calculate and solve problems in everyday contexts	
generate sequences from patterns and continue/complete sequences	
generate terms of a simple sequence, given a rule (e.g. finding a term from the previous term finding a term given its position in the sequence)	
express a smaller whole number as a fraction of a larger one and identify equivalent fractions	
simplify fractions by cancelling all common factors	
add and subtract simple fractions and those with common denominators	
understand percentage as the 'number of	

parts per 100' and use percentages to compare simple proportions	
use diagrams to compare two or more simple fractions, recognise the equivalence of percentages, fractions and decimals	
convert terminating decimals to fractions, e.g. $0.23 = \frac{23}{100}$	
understand and use the probability scale from 0 to 1	
find and justify probabilities based on equally likely outcomes in simple contexts	
identify all the possible mutually exclusive outcomes of a single event	
estimate probabilities by collecting data from a simple experiment and recording it in a frequency table	
compare experimental and theoretical probabilities in simple contexts	
use letter symbols to represent unknown numbers or variables	
use simple formulae from mathematics and other subjects in simple cases, derive a formula	
simplify linear algebraic expressions by collecting like terms	
multiply a single term over a bracket (integer coefficients)	
substitute positive integers into linear expressions and formulae	
calculate the perimeter of a rectangle and of shapes made from rectangles	
know and use the formula for the area of a rectangle, derive and use formulae for the area of a triangle	
calculate the area of shapes made from rectangles and triangles	
calculate the surface area of cubes and cuboids	
use 2-D representations to visualise 3-D shapes and deduce some of their properties	
use efficient written methods to add and subtract whole numbers and decimals with up to two places	
multiply and divide three-digit by two-digit whole numbers	
extend to multiplying and dividing decimals	

with one or two places by single-digit whole numbers	
understand and use the rules of arithmetic and inverse operations in the context of positive integers and decimals	
construct and solve simple linear equations with integer coefficients (unknown on one side only) using an appropriate method (e.g. inverse operations)	
calculate statistics for small sets of discrete data:	
<ul style="list-style-type: none"> • find the mode, median and range, and the modal class for grouped data 	
<ul style="list-style-type: none"> • calculate the mean, including from a simple frequency table, using a calculator for a larger number of items 	
<ul style="list-style-type: none"> • calculate the mean, including from a simple frequency table, using a calculator for a larger number of items 	
compare two simple distributions using the range and one of the mode, median or mean	
recognise and use multiples, factors, primes (less than 100), use simple tests of divisibility	
common factors, highest common factors and lowest common multiples in simple cases;	
recognise the first few triangular numbers; recognise the squares of numbers to at least 12×12 and the corresponding roots	
calculate simple percentages	
calculate simple fractions of quantities and measurements (whole-number answers) multiply a fraction by an integer	
use direct proportion in simple contexts, use ratio notation and simplify ratios	
divide a quantity into two parts in a given ratio	
solve simple problems involving ratio and proportion using informal strategies understand the relationship between ratio and proportion	
understand and use the language and notation associated with enlargement; enlarge 2-D shapes using a positive integer scale factor	

recognise and visualise the symmetries of a 2-D shape	
transform 2-D shapes by: reflecting in given mirror lines	
transform 2-D shapes by: rotating about a given point	
transform 2-D shapes by: translating	
use conventions and notation for 2-D coordinates in all four quadrants; find coordinates of points determined by geometric information	
carry out calculations with more than one step using brackets and the memory; use the square root and sign change keys	
enter numbers and interpret the display in different contexts (decimals, percentages, money, metric measures)	
use a ruler and protractor to: construct a triangle, given two sides and the included angle (SAS) or two angles and the included side (ASA)	
use ruler and protractor to construct simple nets of 3-D shapes, e.g. cuboid, regular tetrahedron, square-based pyramid, triangular prism	
express simple functions in words, then using symbols; represent them in mappings	
generate coordinate pairs that satisfy a simple linear rule; plot the graphs of simple linear functions, where y is given explicitly in terms of x , on paper; recognise straight-line graphs parallel to the x -axis or y -axis	

Science

All topics covered this year will possibly come up in the test. All units should be finished by the time the exam season starts so students will need to keep up to date with their studies.

Units of work or topics covered that need to be revised include:	Resources that will help with this revision (Details of books, units in books, web resources etc.)
A – Cells	Resources on edmodo.com
B – Reproduction	Textbook
C – Ecology	Copybook
D – Classification	www.bbc.co.uk/bitesize
E – Acids and Alkalis	http://www.educationquizzes.com/ks3/science/
F – Chemical Reactions	http://www.ntscience.co.uk/science-mindmaps/
G – Particles	
H – Solutions	
I – Energy resources	
K – Forces and their Effects	
L – The Solar System and Beyond	
Practical skills	

Social Studies

Native

Subject	الدراسات الإجتماعية
Year Group	الصف السابع

يشمل الإختبار النهائي للصف السابع الموضوعات المقررة داخل الجدول التالي والمحددة بأرقام الصفحات داخل الكتاب المدرسي ، بالإضافة إلى ذلك ستكون دراسة الطالب للإختبار النهائي من الدفتر بالإضافة إلى أوراق العمل المرفقة داخل دفتر الطالب

List of content to be covered

Units of work or topics covered that need to be revised include:	Resources that will help with this revision (Details of books, units in books, web resources etc.)
(الوحدات والموضوعات المقررة للمراجعة)	(المصادر التي تساعد الطالب في المراجعة)
1- الوحدة الثانية	1 – الكتاب المدرسي

الدرس التاسع (المشكلات البيئية والممارسات المطبقة لتحقيق التنمية المستدامة)	صفحة (95-90)
<p style="text-align: center;">-2 الوحدة الثالثة</p> <p>الدرس الثالث (الخصائص الطبيعية لدولة الإمارات)</p> <p style="text-align: center;">الموقع وأهميته</p> <p style="text-align: center;">أشكال التضاريس (الجبال – السهول)</p> <p style="text-align: center;">المناخ والنبات الطبيعي</p>	<p style="text-align: center;">2 – الكتاب المدرسي</p> <p style="text-align: center;">صفحة (133-122)</p>

Geography Non-Native Social Studies

Students should use their copy books and lesson resources to revise the following topics. If any of these topics were missed due to absence, then students should see their class teacher.

Year 7 – UAE
Physical Features e.g. mountains, rivers, climate
Plant/animal adaptations
Population distribution
Emirates and Cities
Bedouins
Pearl Diving