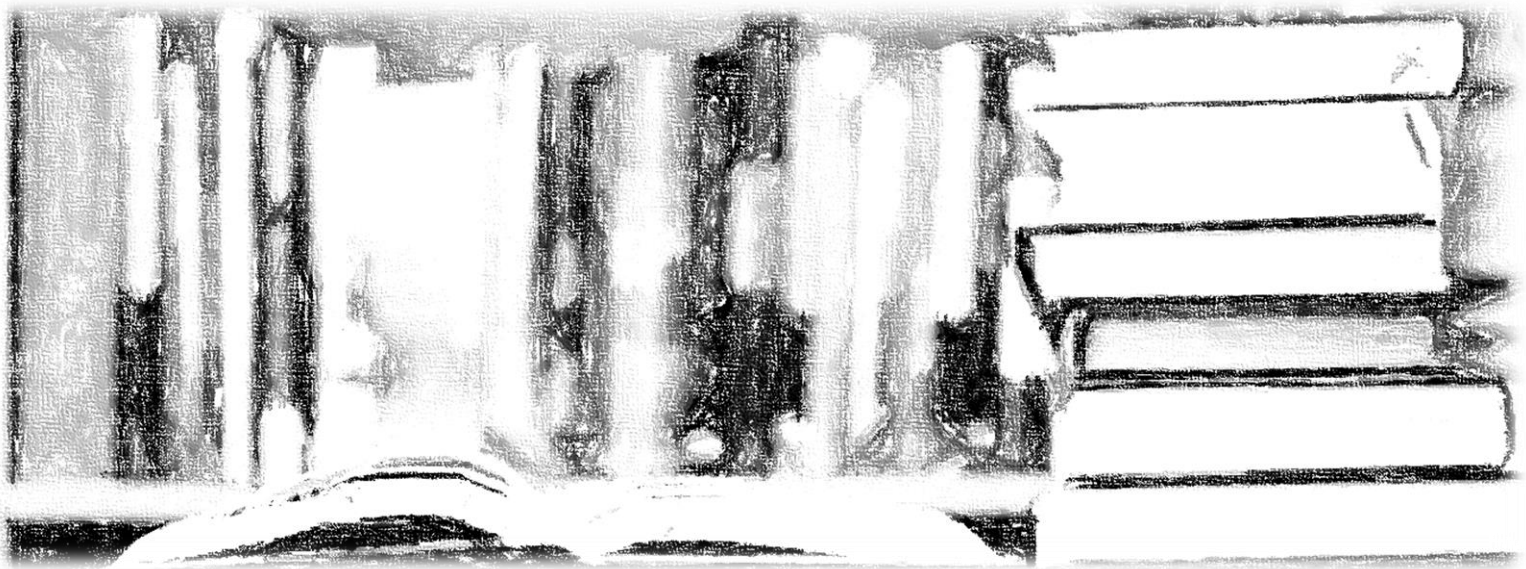
The Holt School

KS3 End of Year Examinations

Year 7 Revision Guide



Year 7 End of Year Examinations

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There will be no end of year assessments in the following subjects:

PSHE

PE

Technology

Drama

Art

In year 7 there is no need to revise, but you will be producing a piece of work in exam conditions, over 2 lessons.

Computing

- General use e.g. how to logon
- Introduction to inside a computer
- Input and Output Devices
- Email
- Spreadsheet knowledge including key terms and some functions
- Online Safety (recap of topics discussed)
- Visual Programming (use of scratch)

English - Paper 1 Explorations in creative reading and writing - English Language

QUESTION	What to expect	Marks	TOP TIPS
2	Effects of language: How does the writer use language to…..?	8	• What words/phrases reveal the question focus? • What language devices do you notice the writer using in your quotations? • What does the quotation/word suggest? • USE LEED (Language, Evidence, Effect, Develop) • Do not talk about structure in this question
5	Choice of: **YOU COULD DO THIS FIRST!** Write to describe (inspired by an image) Write to narrate (story) Could be any combination! This means 2 narrative/2 descriptive	40	• Be prepared to be given descriptive and narrative choice/two descriptive choices/two narrative choices • There is not a huge difference between narrative and descriptive writing so don't panic. Avoid too much dialogue in narrative writing • Descriptive - **use the image as inspiration** rather than simply describing the image **(be original!)** • Think carefully about who/what you are when describing • Zoom in on the senses/use language and structural devices/use good vocabulary • Leave plenty of time for planning and **PROOF READING** - remember that 16 marks are for vocabulary, spelling and punctuation

Practice Papers to do at home are available in the following folder:

N Drive = Departments = English = Shared Work = KS3 Additional Practice Papers

French

Reading and Listening assessment covering Module 4 of their Studio text book.
Writing assessment of approx. 100-150 words. The questions will be given to the students in the last week of this half term – the students will have a choice of 2 questions, they should NOT answer both!
Translation from English to French and from French to English.

Resources

Studio 1 text book
Student's exercise book
Pearson activelearn: the students will have accessed this in their computer lessons this year, and have their own log in and password.

Login: school username e.g. jbloggsh18
Password: D.O.B. including / e.g. DD/MM/YYYY

MFL websites e.g. linguascope username: holtschool password: languag35
funwithlanguages and langugesonline (both free to access)

Geography

Food and Farming

- Factors affecting farming
- Types of farming
- Organic farming
- Farming and the landscape
- Farming around the world
- Farming issues;

1. Food miles and fair trade
2. Hunger
3. Factory farming
4. Climate change
5. Biofuels and palm oil
6. Food waste
7. Foodbanks
8. GM foods

(you will need to know about one of these in detail)

History

- For year 7, the focus is knowledge of events:
- William the Conqueror and the Battle of Hastings
- The Feudal system
- The Domesday book & Motte & Bailey castles
- Medieval life
- Medieval religious beliefs
- Murder of Thomas Becket
- King John and Magna Carter

Maths

Year 7A Revision List - All the chapter references are for the MyMaths books on Kerboodle

Topic	What to revise	Book	Chapter & Exercise
Whole numbers and decimals	Place value; ordering whole numbers and place value; rounding numbers; order of operations; adding decimals; temperature;	1A	1a-h
Whole numbers and decimals	Ordering decimal numbers; negative numbers	2A	1a, 1e
Measures, perimeter and area	Measuring lines; reading scales; time; shapes; perimeter and area; metric units	1A	2a-g
Measures, perimeter and area	Converting metric units	2A	2b
Expressions and formulae	Using letters; collecting like terms; simplifying expressions; substitution; creating formula	1A	3a-f
Expressions and formulae	Expanding brackets; formulae	2A	3d, 3f
Fractions, decimals & percentages	Writing fractions; equivalent fractions; improper fractions; fractions of amounts; percentages; percentages of amounts; converting fractions, decimals & percentages	1A	4a-h
Fractions, decimals & percentages	Order fractions & decimals; adding and subtracting fractions	2A	4b-c
Angles and 2D shapes	Angles; adding angles; measuring angles; finding angles at a point; calculating angles; properties of triangles; angles in a triangle	1A	5a-g
Angles and 2D shapes	Verticaly opposite angles; parallel & perpendicular lines	2A	5b, 5e
Graphs	Coordinates; reading graphs; line graphs	1A	6a-e
Graphs	Coordinates and straight lines; drawing graphs; using conversion graphs	2A	6b, 6c, 6f
Adding and subtracting	Mental & written methods of addition and subtraction	1A	7a-d
Adding and subtracting	Order of operations	2A	7a
Statistics	Planning and collecting data; organising data; reading lists and tables; reading bar charts; reading pie charts and diagrams; the mode; the median; comparing data	1A	8b-c, 8e-8j
Statistics	The mean	2A	8g
Transformations and symmetry	Lines of symmetry; reflection; translation; rotation	1A	9a-d
Transformations and symmetry	Reflection; rotational symmetry	2A	9a, d
Equations	Operations; inverse operations; using letters; solve equations	1A	10a-e
Equations	Solve two-step equations	2A	10c
Factors and Multiples	Find factors and multiples of a number; Use simple tests of divisibility; Recognise the squares of numbers up to 10x10	1A	11a-d
Factors and Multiples	Identify common factors between numbers; Recognise prime numbers.	2A	1c, d

Year 7 Book B Revision List - All the chapter references are for the MyMaths books on Kerboodle

Topic	What to revise	Book	Chapter & Exercise
Whole numbers and decimals	Place value and decimals; multiply/divide by 10, 100 or 1000; negative numbers; addition and subtraction; calculator methods	1B	1a-f
Whole numbers and decimals	Multiplying and dividing integers	2B	1b
Measures, perimeter and area	Length; units of measurement; converting between units; perimeter and area; area of a rectangle, triangle and parallelogram	1B	2a-g
Measures, perimeter and	Metric measure	2B	2a
Expressions and formulae	Expressions; collecting like terms; using a formula; substitution; writing formula	1B	3b-f
Expressions and formulae	Simplifying and substituting; indices; like terms	2B	3a-c
Fractions, decimals	Improper Fractions and mixed numbers	1A	4c
Fractions, decimals & percentages	Fractions; equivalent fractions; adding & subtracting fractions; decimals & fractions; fraction of a quantity; percentages; percentage of an amount; fractions, decimals & percentages	1B	4a-h
Angles & 2D shapes	Angle measure; measuring angles; drawing lines & angles; calculating angles; angles in a triangle; properties of a triangle; properties of quadrilaterals; properties of polygons	1B	5a-h
Graphs	Coordinates; tables of values; plotting straight line graphs; real life graphs	1B	6a-d
Graphs	Drawing straight line graphs; time series graphs	2B	6a, 6e
Whole number calculations	Rounding; order of operations; written methods of multiplication and division; calculator methods	1B	7a-b, 7d-f
Whole number calculations	Multiply and divide by powers of 10; mental multiplication and division	2B	7c, 7d
Statistics	Bar charts; reading and interpreting pie charts; line graphs; median, mode and range; mean; interpreting tables and charts; tally charts and frequency tables; comparing data	1B	8a-f, 8j
Statistics	Pie charts; averages from frequency tables	2B	8c, 8f
Transformations and symmetry	Reflection; line symmetry; rotation; rotation symmetry; translation	1B	9a-e
Equations	Multiplying and dividing terms; balancing calculations; solve equations; solve two-step equations	1B	10a-e
Factors and multiples	Factors and multiples; square numbers; square roots; prime numbers; LCM and HCF	1B	11a-e

Year 7C Revision List - All the chapter references are for the MyMaths books on Kerboodle

Topic	What to revise	Book	Chapter & Exercise
Whole numbers and decimals	Place value and decimals; multiply/divide by 10, 100 or 1000; negative numbers; addition and subtraction; calculator methods	1C	1a-f
Whole numbers	Calculations with negative numbers; indices	2C	7a, 1e
Measures, perimeter and area	Units of measurement; converting between units; perimeter and area of rectangles and triangles; area of a parallelogram and trapezium; surface area and volume of a cuboid	1C	2a-g
Measures, perimeter and	Circumference and area of a circle	2C	2e-f
Expressions and formulae	Using letter symbols; collecting like terms; expanding brackets; using a formula; writing a formula; substitution; simplification using indices and fractions	1C	3a-h
Expressions and	Factorising expressions	2C	3e
Fractions, decimal & percentages	Fraction notation; adding & subtracting fractions; decimals & fractions; fraction of a quantity; percentages; fractions, decimals, & percentages	1C	4a-f
Fractions, decimal &	Multiplying & dividing fractions; reverse percentage problems	2C	4c,4e
Angles & 2D shapes	Calculating angles; angles & parallel lines; angles in triangles & quadrilaterals; properties of triangles, quadrilaterals and polygons	1C	5a-f
Angles & 2D	Congruent shapes	2C	5d
Graphs	Coordinates; Plotting horizontal and vertical lines; plotting straight line graphs; the equation of a straight line; real life graphs; line graphs for time series	1C	6a-f
Graphs	Curved graphs	2C	6c
Whole number calculations	Rounding; order of operations; mental methods of multiplication and division; written methods of multiplication and division; calculator methods	1C	7a-f
Statistics	Types of data; the mean; frequency tables; bar charts; pie charts; collecting data; grouping data; comparing data	1C	8a-e, 8h-i
Statistics	Planning a statistical investigation; scatter diagrams and correlation	2C	8a, h
Transformations and	Reflection; rotation; symmetry; translation; enlargement	1C	9a-e
Equations	Solving equations; unknown on both sides; constructing equations	1C	10a-d
Equations	Equations with fractions	2C	10c

Factors and multiples	Squares and square roots; factors and multiples; HCF & LCM; prime factors;	1C	11a-f
Factors and multiples	Square roots and cube roots	2C	1d

Music

The exam will be split into three sections:

- **Section A**- recognising musical features in short listening examples.
- **Section B**- Recognising specific features of music from the styles we've studied.
- **Section C**- Recognising note names, rhythms and notes on the keyboard.

Below are some general key words to help you with all sections of the test:
Melody: The main tune
Texture: The number of parts/layers in a piece.
Dynamics: How loud or soft a piece or section of a piece is.
Tempo: The speed of a piece of music.
Instrumentation: The instruments or sounds used in a piece.

Waltz

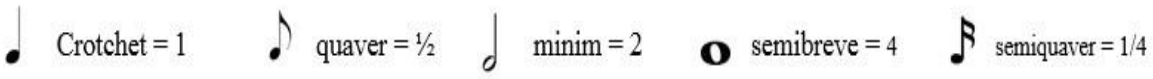
- 3 beats in a bar
- Stately dance
- Quite fast
- Associated with ballet

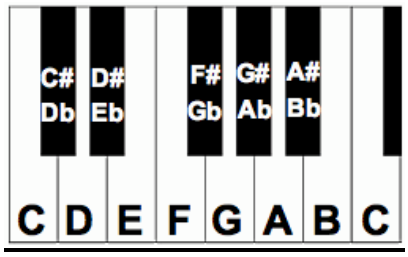
Pavane

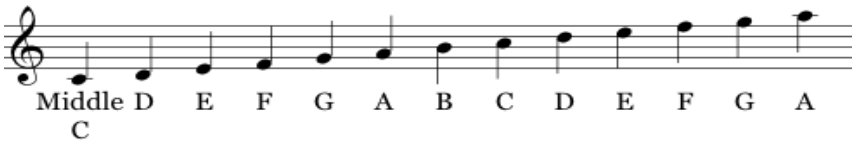
- 4 beats in a bar
- Slow dance
- Performed in royal courts
- Composed in Tudor times.

African drumming

- Djembe drums
- Call and response
- Syncopated rhythms (off beat)
- Made up from repeated rhythms
- Leader is called the master drummer







POR - Jesus

Revise the topic "Jesus"

- His life
- miracles
- parables
- His influence on Christians today

Resources:

http://www.bbc.co.uk/religion/religions/christianity/history/jesus_1.shtml

http://www.bbc.co.uk/schools/gcsebitesize/rs/god/christianityrev3.shtml

http://request.org.uk/

Science

Year 7 Summer Exam Revision List 2019

You will have six revision lessons in Science before the Science exam where we will create revision resources and practice different techniques. We also advice you revise at home over this period.

Planning Investigations

- Identify laboratory health and safety rules and know hazard symbols
- Recall the names and functions of scientific equipment
- Identify the different variables that must be considered when doing practical investigations
- Select an investigation question and variables
- Write a method for an investigation
- Predict what you think will happen in an investigation
- Construct a results table

Cells, Systems and Organisms

- Recall the difference between living, once lived and never lived
- Recall the 7 characteristics of living things and the meaning of each
- Recall how to use a light microscope
- Explain the function of animal cell components
- Explain the function of plant cell components
- Compare plant and animal cells
- Recall what a unicellular organism is and discuss some of their adaptations
- Explain the importance of diffusion for unicellular organisms
- Recall definitions of tissues and organs
- Describe the organisation of multicellular organisms from cells to systems
- Explain the importance of organ systems in multicellular organisms
- Recall that there are 5 kingdoms and describe why there are two groups in the animal kingdom
- Explain key features of some of the animal groups

Forces

- Describe a force
- Explain how forces are measured and know that the units are Newtons
- Describe how forces can change the direction or speed of an object
- Explain the difference between mass and weight
- Compare the stretching of a material with the squashing of a material
- Describe friction and know when it is useful or a problem
- Calculate resultant forces
- Use force arrows in diagrams to show balanced and unbalanced forces
- Recall the forces involved in hanging and sinking
- Calculate upthrust and describe what causes a material to float
- Describe the forces associated with resistance to motion of air and water
- Describe density and calculate both volume and density
- Calculate speed and investigate the factors that affect speed
- Explain air and water resistance

Matter

- Describe the properties of solids, liquids and gases
- Describe the changes of state using scientific terms
- Discuss the difference between boiling and evaporation and the factors that increase the rate of evaporation
- Describe the arrangement and movement of particles in solids, liquids and gases
- Use the particle theory to explain how temperature affects the density and energy stored in the system
- Explain diffusion and know how Brownian motion causes diffusion
- Define solute, solvent, solution, soluble and insoluble
- Use the particle model to explain dissolving and the expansion of solids, liquids and gases
- Use the particle theory to discuss the anomalous properties of water
- Describe what causes pressure and the factors that affect the pressure of gas

Periodic Table

- Define an element and give some examples
- Use the periodic table to give elements
- Explain how the modern periodic table displays the elements
- Describe the atom model and explain how each element is different from each other
- Interpret the periodic table
- Explain the main developments in the development of the periodic table and discuss the main issues of the suggested periodic tables by scientists
- Show where the metals and non-metals are on the periodic table
- Describe the properties of metals and non-metals

Waves

- Describe how waves are made and move.
- Explain how waves travel on water
- Illustrate how waves are reflected

- Predict how two waves travelling together will affect each other
- Explain how sound is made and describe sound waves
- Compare how well sound travels through different substances
- Recall that sound waves are longitudinal and that sound need a medium to travel through
- Describe what happened when sound is reflected
- Calculate the speed of sound in air
- Compare the amplitude and frequency of waves
- Recall that frequency is measured in Hertz
- Use data about auditory range in humans and in animals
- Explain how the ear creates hearing and how hearing can be damaged
- Recall that pressure waves transfer energy without transferring matter
- Describe ultrasound and its uses

Acids and Alkalis

- State some examples of acids and alkalis
- Distinguish between an acid and an alkali using an indicator
- Describe how indicators can be made from natural substances and that they will show us if a substance is acid or alkali by a colour change
- Label filtration apparatus
- Use the pH scale to determine strength of acids and alkalis, know the colours and what the numbers mean
- Recall that alkalis can also be called bases
- Know what happens when an acid is added to a base
- Recall the neutralisation reaction and write the word equations
- Recall uses of salts
- Describe that a reaction can be exothermic or endothermic and know what this means in terms of heat loss and energy being taken in
- Recall uses of acids and alkalis and know some problems acid rain can cause

Understanding Investigations

- Draw axes for graphs, plot the points and draw lines of best fit
- Identify from data when to draw a bar or line graph
- Construct a line graph
- Identify the variables in an investigation
- Interpret results from a graph
- Analyse results from an investigation
- Identify anomalous results in data
- Evaluate the accuracy and repeatability of the data
- Recommend improvements to the investigation

Reproduction

- Describe the key features of the 2 Types of reproduction
- Describe the key events that occur in each menstrual cycle and explain the purpose of the menstrual cycle
- Understand what causes menstruation

- Describe the structure of the male and female reproductive systems and able the functions of the parts
- Justify the structure of human sex cells based on their different functions
- Recall how and where fertilisation of an egg occurs
- Describe what happens to the egg after fertilisation
- Discuss how different types of twins are produced
- Recall for how long and where a fetus develops inside a pregnant woman
- Describe the function of the placenta, umbilical cord, placenta and amniotic fluid.
- Suggest things that can affect the development of a fetus during pregnancy
- Describe the stages of birth
- Suggest some emotional and physical needs of a baby

Spanish

Use the Mira 1 book to revise the key vocabulary from each module covered up to May half term:

Module 1 (Pg 22-23) – age, numbers, alphabet, classroom items, introductions

Module 2 (Pg 40-41) - in school, subjects, what you do in lessons, teachers, giving opinions and reasons, talking about snacks

Module 3 (Pg 58-59) – family, brothers and sisters, pets, colours, describing people physically and character

Module 4 (Pg 76-77) – home, where you live, house, bedroom, saying what you do in your room using the present tense

Module 5 (Pg 94-95) - My free time – saying where you go and what you do in your free time, sports, and using the future tense.

In addition make sure that you have revised the quantifiers (un poco, bastante, muy), the grammar rules for adjective agreement/word order etc and the formation of the present tense and the future tense in at least the 'I' form.

For the translation assessment practice using the short texts from the textbook to translate into English and test yourself on writing short phrases in Spanish. Make a note of any new vocabulary you look up and revise these separately.

You will complete **three assessments** over **2 assessment hours**:

1) **Reading and Listening assessments** (similar to the end of module assessments you have completed so far this year).

2) Translation assessment

a) 5 short statements to translate from English into Spanish

b) A short paragraph to translate from Spanish into English

Additional revision sources:

www.linguascope.com (holtschool / languag35)

www.espanol-extra.co.uk (holtschool / holtspanish)

www.zut.org.uk → OYE → (1123/ holtspanish)

www.languagesonline.org.uk → Español

Google → Fun with Languages → Spanish → KS3