The Holt School

KS3 End of Year Examinations

Year 9 Revision Guide
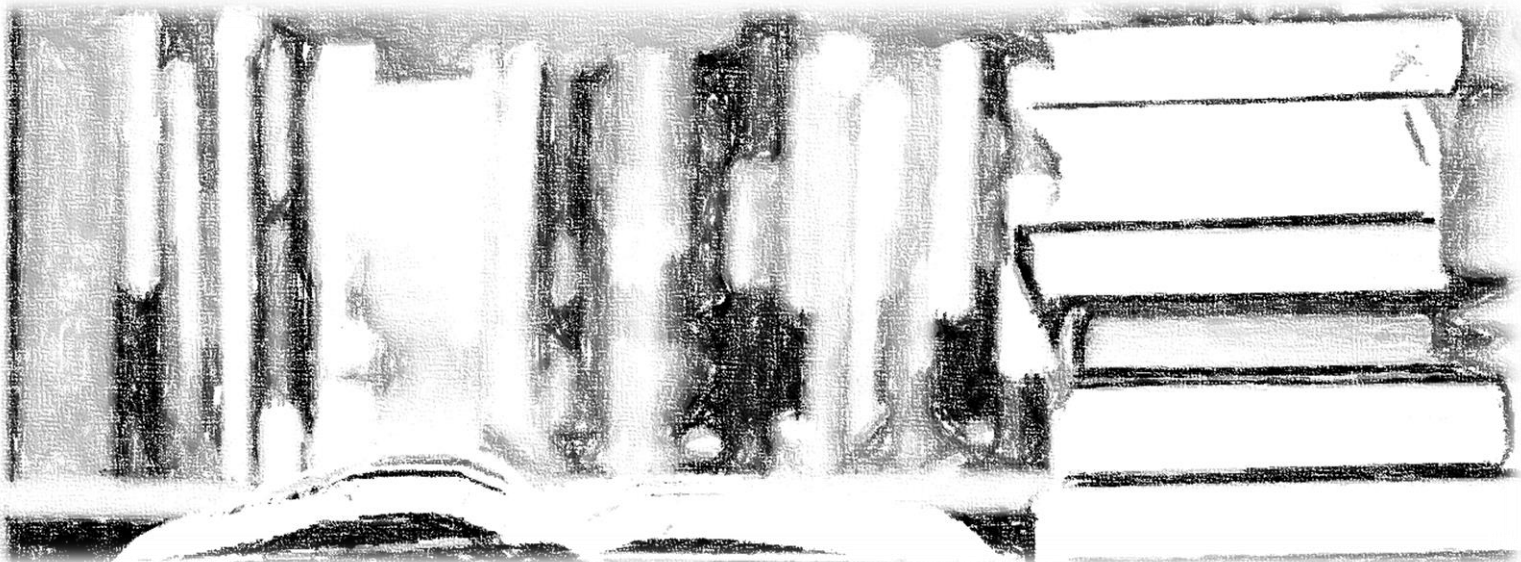
Year 9 End of Year Examinations

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

PSHE

PE

Technology

Drama

Science

POR

Art

In year 9 there is no need to revise, but you will be finishing the final clay piece that you have been working on over the last few months.

Computing

- Recap of some Year 8 Topics – including inside a computer and input and output devices and control
- Web Design – key terms and good/bad web design
- HTML
- Text Based Programming using Python: variables, data types, input/print statements, conditional statements such as IF, FOR, While, functions, errors and debugging, syntax.
- Binary and denary conversion
- Computational thinking
- Logic gates
- System security
- Networks

English

Q	What to expect	Marks	Top Tips
1	True or false	4	• The statements are in chronological order, in the same sequence as they appear in the text, so consider each statement in order
2	Write a **summary** (two texts) Synthesis of explicit and implicit ideas and information	8	• Write about 2 or 3 differences • Keep in mind the focus of the question • Use comparison words like 'whereas', 'however', 'in contrast' • Use SQuID- *In Source A- Statement, Quotation, Inference- Developed-* **_whereas_** *in Source B- SQuID* • Be perceptive and developed in your inferences (it could suggest/also it could imply) • Interpret differences between texts as well as making inferences about individual quotations
3	**How** does the writer's use language….	12	• Write about 3 or 4 examples of language • Zoom in on powerful words and phrases • Use varied vocabulary to explore the effect of words and phrases • You will need to identify the language devices the writer uses for effect in the text • Ask yourself: what does the quote make the reader think/feel/imagine?
4	**How** the write**rs** present…. **Compare** writers' ideas and perspectives, and how they are conveyed	16	• Write about 3 or 4 points of comparison • Use the bullet points in the question to guide you • You need to use comparison connectives like 'whereas', 'however', 'in contrast' 'both' • You need to identify the different methods the writers use to convey a certain idea/view/perspective (methods could refer to language AND structure) • Embed your quotations from the text and explore the effects
5	Writing a **viewpoint** You might be asked to write a: • letter • article • text for a leaflet • text of a speech • essay	40	• Planning is CRUCIAL - the examiners will expect to see it • 16 marks for technical accuracy and vocabulary so pay careful attention to this - proofread • Engage the reader by doing something original like taking on a voice e.g. parent, teacher etc. • Make sure you GAP the task first (Genre? Audience? Purpose?) If you do not match your style to the task you will lose lots of marks! • Vary your sentence openings • Use a wide range of different punctuation • Use interesting and ambitious vocabulary • Don't forget to structure and add fluency to your writing by using connectives/discourse markers

French

Reading and Listening assessment covering the modules from this year – holidays, hobbies, health and fitness, jobs and future plans.

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

- 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

Climate; past, present and future

- Past climate change
- Glaciers
- Features of glaciation
- Global Atmospheric Circulation model
- Climate Zones
- The Greenhouse Effect
- Impacts of Climate Change
- Solutions to Climate Change.
-

German

Use the Echo 3 book to revise the key vocabulary from each module covered up to May half term:

- Unit 1 (Pg 6-22) – TV, music, films, using the computer and going out to the cinema
- Unit 2 (Pg 24-40) – talking about school, teachers, subjects, facilities, likes and dislikes, rules and routine
- Unit 3 (Pg 42-58) – future careers, using languages, jobs and careers
- Unit 4 (Pg 60- 76) – what is important to you, daily routine, the environment, homelessness
- Unit 5 (Pg 78- 94) – family and describing people

The vocab for all units has been uploaded to Quizlet. In addition make sure that you have revised the intensifiers (ziemlich, sehr, ganz..), time phrases (gestern, morgen..) and time frequencies (oft, nie,

manchmal..) as well as the grammar rules for word order and tenses (p59) including the formation of the perfect (past) with both haben and sein, present and future tenses.

For the translation section practice using the short texts from the textbook to translate into English. Make a note of any new vocabulary you look up and revise these separately.

You will complete two assessments over 2 assessment hours:

- Reading and Listening assessments
- Writing and Translation assessment
  - 4 sentences to describe a picture
  - A 90 word piece of writing (on the topic school)
  - A short paragraph to translate from German into English

Additional Vocabulary

English	German
in the afternoons	Nachmittags
with school pupils	mit Schülern
clothing	Kleidung
to collect	sammeln
to save	sparen
I clean	ich putze
abroad	im Ausland
Teeth	Zähne
own	eigenen
to chew	kauen
I was able / I could	ich konnte
Screen	Bildschirm
Horror film	Gruselfilm
Sea	Meer
Cotton	Baumwolle
I throw away ….	ich werfe … weg
returnable bottle (return for money)	Pfandflaschen
great / super	spitze

History

Year 9- the focus is knowledge of events

You will be given a choice of questions. So, you will not have to answer something on all of these.

- How the Slave trade worked and its impact
- The expansion and impact of the British Empire
- The Causes of WW1
- An example of a battle from WW1
- Causes of WW2
- An example of a key event or type of warfare from WW2
- The reasons Hitler became Chancellor of Germany in 1933
- Life in Nazi Germany

Maths

Maths Revision List (Foundation Tier – Mr Green's Group)

Topic	Objective	Chapter
Number	Use place value when calculating with decimals.	1.1
	Order positive and negative integers and decimals	1.1
	Round to a number of decimal places or significant figures.	1.2
	Add and subtract positive and negative integers and decimals.	1.3
	Multiply and divide positive and negative integers and decimals.	1.4
	Use BIDMAS in multi-stage calculations.	1.4
	Estimate answers to calculations and roots	9.1
	Use a calculator accurately	9.2
	Know factors, multiples and prime numbers	13.1
	Prime factor decomposition	13.2
	Find Lowest common multiple & Highest common factor	13.2
	Powers and roots	13.3
	Calculating with roots & indices	17.1
	Use index rules	17.1
	Using one calculation to get an answer to another	
Algebra	Use algebraic notation	2.1
	Substitute numbers into expressions.	2.1
	Use and understand the words expressions, equations, formulae, terms and factors.	2.1
	Collect like terms and simplify expressions involving sums, products and powers.	2.2
	Use the laws of indices.	2.3
	Multiply a single term over a bracket.	2.4
	Take out common factors in an expression.	2.4
	Substitute numbers into formulae.	6.1
Data	Tally charts & frequency tables	4.1
	Two way tables	4.2
	Stem and leaf diagrams	4.2
	Bar charts	4.3
	Composite & comparative bar charts	4.3
	Pie charts	4.4
	Discrete & continuous data	16.1
	Histograms with equal class widths	16.1
	Scatter graphs and line of best fit	16.3
	Line graphs & time series	16.4
Number	Convert between terminating decimals and their corresponding fractions.	5.1
	Writing equivalent fractions, and changing between mixed numbers and improper fractions.	5.1
	Compare decimals and fractions using the symbols > and <.	5.4
	Find fractions and percentages of amounts.	5.2
	Add and subtract simple fractions and mixed numbers.	5.3
	Multiply and divide simple fractions and mixed numbers.	5.3
	Convert between fractions, decimals and percentages.	5.4
	Percentage increase and decrease	12.3
	Simple interest	12.3

	Write numbers as a fraction/percentage of another	12.3
Algebra	Solving simple linear equations	10.1
	Solving equations involving brackets	10.2
	Solving equations with the unknown on both sides	10.2
	Solving equations involving fractions	10.2

Maths Revision List (Higher Tier – Py, Rn, Tf, CN & Bc groups)

Topic	Objective	Chapter
Number	Order positive and negative integers and decimals.	1.1
	Round numbers to a given number of decimal places or significant figures.	1.1
	Use mental and written methods to add, subtract, multiply and divide with positive and negative integers and decimals.	1.2, 1.3
	Use BIDMAS to complete calculations in the correct order.	1.3
	Estimate answers to calculations and roots	9.1
	Know factors, multiples and prime numbers	13.1
	Prime factor decomposition	13.1
	Find Lowest common multiple & Highest common factor	13.1
	Powers and roots	13.2
	Use index rules	13.2
	Negative and fractional indices	17.1
	Using one calculation to get an answer to another	
	Simplify surds and rationalise the denominator	13.3
	Use standard form to write numbers and do calculations	17.3
Algebra	Use algebraic notation and simplify expressions by collecting like terms.	2.1
	Substitute numbers into formulae and expressions.	2.1, 6.1
	Use the laws of indices to simplify expressions	2.2
	Multiply a single term over a bracket and factorise using a single bracket	2.3
	Expand brackets to get a quadratic expression and factorise quadratics of the form $x^2 + bx + c$ into brackets. Use difference of two squares.	6.4
	Substitute values into formulae and rearrange formulae to change their subject.	6.1
	Use the terms expression, equation, formula, identity, term and factor.	6.3
	Solve equations involving brackets and fractions, and with the unknown on both sides.	10.1
	Write linear sequences and find the nth term.	21.1
	Write quadratic sequences and find the nth term.	21.2
	Recognise and continue geometric and Fibonnacci sequences	21.3
Data	Construct and interpret frequency tables, bar charts and pie charts.	4.3, 16.1
	Calculate the mean, median, mode and range of a data set.	4.4
	Estimate the mean for a grouped data set, and find the modal and median class	16.2
	Use averages and measures of spread to compare data sets.	16.2
	Use and write two-way tables	4.2
	Draw and use stem and leaf diagrams	4.2
	Draw scatter graphs and line of best fit; comment on correlation	16.4
	Draw and interpret time series	16.5
Number	Find fractions and percentages of amounts.	5.1
	Add, subtract, multiply and divide with fractions and mixed numbers.	5.2

	Convert between fractions, decimals (including recurring decimals) and percentages.	5.3
	Order fractions, decimals and percentages	5.3
	Find percentage increase and decrease; calculate simple interest, VAT and income tax; write numbers as a fraction/percentage of another: find the original number after a percentage change (reverse percentage).	12.3
	Find the reciprocal of a fraction	5.2
	Write, simplify and use ratio	12.2
	Use direct proportion	12.1
Shape	Use angle facts including at a point, on a line, at an intersection and for parallel lines.	3.1
	Identify types of triangle and quadrilateral and use their properties.	3.2
	Calculate angles in polygons including interior and exterior angles for regular polygons.	3.4
	Know and use Pythagoras' theorem, and Pythagorean triples	19.1
	Know and use trigonometry in right-angled triangles; know and use exact trig ratios, and angles of elevation and depression	19.2

Maths Revision List (Higher Tier – Tl & Fe groups)

Topic	Objective	Chapter
Number	Order positive and negative integers and decimals.	1.1
	Round numbers to a given number of decimal places or significant figures.	1.1
	Use mental and written methods to add, subtract, multiply and divide with positive and negative integers and decimals.	1.2, 1.3
	Use BIDMAS to complete calculations in the correct order.	1.3
	Estimate answers to calculations and roots	9.1
	Know factors, multiples and prime numbers	13.1
	Prime factor decomposition	13.1
	Find Lowest common multiple & Highest common factor	13.1
	Powers and roots	13.2
	Use index rules	13.2
	Negative and fractional indices	17.1
	Using one calculation to get an answer to another	
	Simplify surds and rationalise the denominator	13.3
	Use standard form to write numbers and do calculations	17.3
Algebra	Use algebraic notation and simplify expressions by collecting like terms.	2.1
	Substitute numbers into formulae and expressions.	2.1, 6.1
	Use the laws of indices to simplify expressions	2.2
	Multiply a single term over a bracket and factorise using a single bracket	2.3
	Substitute values into formulae and rearrange formulae to change their subject.	6.1
	Use the terms expression, equation, formula, identity, term and factor.	6.3
	Solve equations involving brackets and fractions, and with the unknown on both sides.	10.1
	Write linear sequences and find the nth term.	21.1
	Write quadratic sequences and find the nth term.	21.2
	Recognise and continue geometric and Fibonnacci sequences	21.3
Data	Construct and interpret frequency tables, bar charts and pie charts.	4.3, 16.1
	Calculate the mean, median, mode and range of a data set.	4.4

	Estimate the mean for a grouped data set, and find the modal and median class	16.2
	Use averages and measures of spread to compare data sets.	16.2
	Use and write two-way tables	4.2
	Draw and use stem and leaf diagrams	4.2
	Draw scatter graphs and line of best fit; comment on correlation	16.4
	Draw and interpret time series	16.5
Number	Find fractions and percentages of amounts.	5.1
	Add, subtract, multiply and divide with fractions and mixed numbers.	5.2
	Convert between fractions, decimals (including recurring decimals) and percentages.	5.3
	Order fractions, decimals and percentages	5.3
	Find percentage increase and decrease; calculate simple interest, VAT and income tax; write numbers as a fraction/percentage of another: find the original number after a percentage change (reverse percentage).	12.3
	Find the reciprocal of a fraction	5.2
	Write, simplify and use ratio	12.2
	Use direct proportion	12.1
Shape	Use angle facts including at a point, on a line, at an intersection and for parallel lines.	3.1
	Identify types of triangle and quadrilateral and use their properties.	3.2
	Calculate angles in polygons including interior and exterior angles for regular polygons.	3.4
	Know and use Pythagoras' theorem, and Pythagorean triples	19.1
	Know and use trigonometry in right-angled triangles; know and use exact trig ratios, and angles of elevation and depression	19.2

Music

There will be two sections to your exam.

Section A: A selection of listening extracts related to topics you've studied throughout the year. You will answer questions based on the musical features.

Section B: Music theory, asking questions about note values, notes on the stave and notes on the keyboard.

Section A- Topics covered this year

Important musical words:

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.
Time signature: How many beats there are in a bar (e.g 3/4, 4/4)
Key- Major (happy), Minor (sad)

Jazz styles

Boogie-woogie – piano, fairly fast, walking bass, 12 bar blues chords
Ragtime – piano, 4/4 time syncopated right hand, left hand plays oom cha rhythm
Swing band – larger group of instruments
Dixieland – small group of about six instruments, clarinet, trumpet, double bass, piano

Blues/Jazz instruments – trumpet, trombone, clarinet, piano, saxophone, drumkit, double bass

Blues/Jazz terms – improvisation, syncopation, walking bass

Blues

Use of flat/ blue notes in melody
Repeated vocal lines in verses
12 bar blues chord sequence

C	C	C	C
F	F	C	C
G	F	C	C

Irregular time signatures

5/4 – 5 crotchet beats in a ba

7/8- 7 quaver beats in a bar

Section B:

♩ Crotchet = 1   ♪ quaver = ½   ♩ minim = 2   o semibreve = 4   ♪ semiquaver = 1/4

Notes in the spaces

FACE in the SPACE Football

Notes on the line

Every Good Boy Deserves Football

Spanish

Use the Mira 3 book to revise the key vocabulary from each module covered up to May half term:

Module 1 (Pg 22-23) – TV, Music, Films, using the computer and going out to the cinema

Module 2 (Pg 40-41) – talking about school, teachers, school subjects, facilities, likes and dislikes, clubs

Module 3 (Pg 58-59) – body parts, illnesses, medicine/advice, healthy and unhealthy lifestyles, future plans

Module 4 (Pg 76-77) – pocket money, chores, jobs, character traits, future careers, using languages

Module 5 (Pg 94-95) – countries, daily routine, the environment, fair trade, information about celebrities

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 preterite (past), present and immediate future tenses.

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