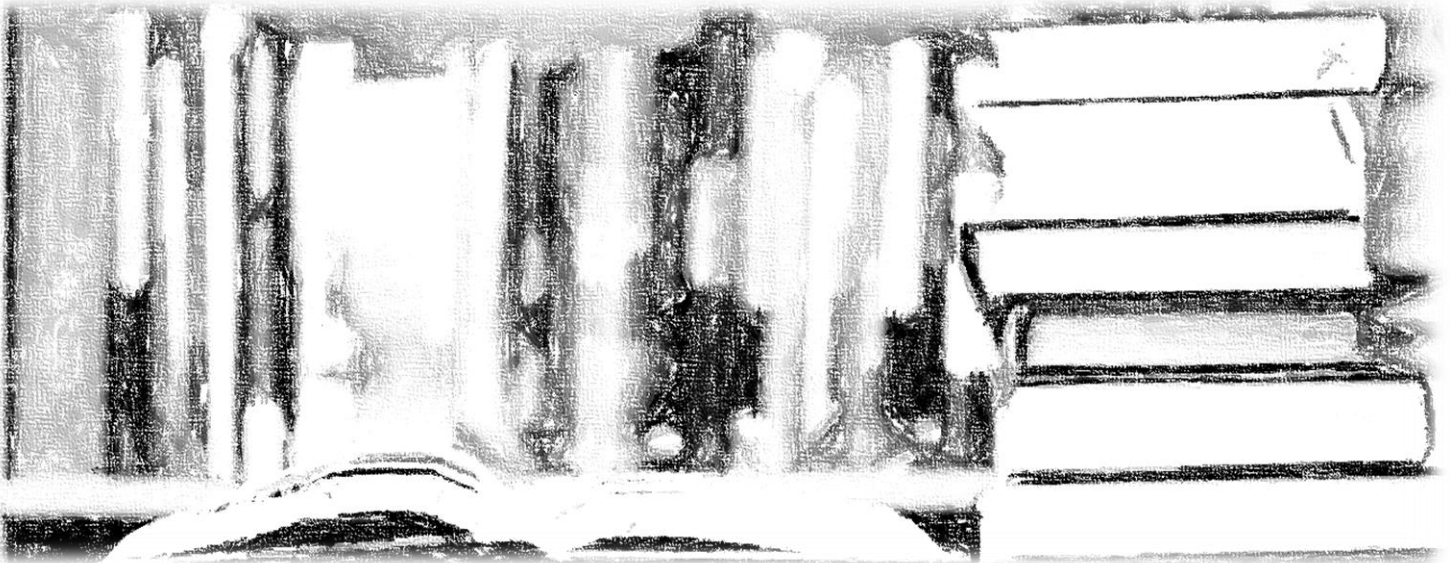# KS3 End of Year Assessments

2020

Year 8

Revision Guide

Year 8 End of Year Assessments

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Textiles

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

Drama

PE

PSHE

Art

Rather than revision, we will be setting a preparatory task that students need to complete so they are ready for the Art assessment. This will be drawing an accurate outline of the image they will then shade / colour during the exam time.

The preparatory task and exam details will be sent out via FROG (and email) on the day of their art lesson during the revision fortnight (4th May – 15th May).

Year 8 Computing

Recap of some Year 7 topics – including inside a computer and input and output devices

- Control (recap of terms, concepts and symbols from FlowOl unit, flowcharts)
- Online Safety
- Binary and denary conversion
- Sorting and Searching Algorithms
- Python programming

English

Q	What to expect	Marks	Top tips
3	Structure question: How has the writer structured the text to.....(interest the reader/engage the reader etc.)?	8	• You need to focus ONLY on the structural features of the text • Use the bullet points in the question to guide you • Mention and develop comments on 3 things • Consider what is happening at this point in the text and why • Comment on the structural features you notice • Explain the effect of this on the reader. Why do you think the writer chose this structural feature?

Food and Nutrition

- Methods of cooking – in your booklets as well some recipes we have cooked
- Eatwell guide – labelling and give examples
- Food symbols and their meaning
- Government Healthy Eating Guildlines
- Farming – different types of farming – advantages and disadvantages
- Food terminology – Food Provenance – Food miles
- Washing up procedure/routine

NB: Use your booklet to help you. Go through all the theory work we have done.

French

Reading and Listening assessment covering Modules 1 to 4 of their Studio textbook.

Resources:

- Studio 2 textbook

  Vocabulary pages as follows:

  1. Module 1 - pages 24 to 25
  2. Module 2 - pages 44 to 45
  3. Module 3 - pages 64 to 65
  4. Module 4 - pages 86 to 87

  Students can also practise the key vocabulary on www.quizlet.com

- Student's exercise book
- https://www.pearsonactivelearn.com/app/Home - The students will have accessed this in their computer lessons this year, and have their own username and password
- MFL websites e.g. linguascope username: holtschool password: franish20
- funwithlanguages and langugesonline (both free to access)

Geography Y8 - Development

1) What is an Economy? And what are its sectors?
2) What is Development and how can it be measured?
3) What is trade and why is it unfair across the world (trade game)
4) Inequality
5) Causes of Poverty
6) Solutions to Poverty and Inequality
7) Sustainable Development Goals

Year 8 History Revision list

The Reformation

-How it began in Germany and by who

-Its impact in England under Henry VIII

-The Church of Elizabeth I and challenges to her authority

The Creation of Great Britain

-What happened to England after Charles I lost the English Civil War?

-How did who ruled England change from 1625-1727?

-The Glorious Revolution

-The Bill of Rights

-The Act of Union, 1707

Science and ideas

-Revise and remember multiple developments in science in the 17th century

-What was the Enlightenment?

-What happened after the American Revolution and how does it connect with the Enlightenment?

Mathematics – Year 8

8A Revision List. All of the chapter references are for the MyMaths books on Kerboodle

Topic	What to revise	Book	Chapter & exercise
Whole numbers and decimals	Powers of 10; rounding; order of operations; factors, multiples, divisibility and primes; prime factors, HCF and LCM; ordering decimals	3A	1a-f
Measures, perimeter and area	Shapes made from rectangles	2A	2g
Measures, perimeter and area	Metric and imperial measures; area; area of a triangle and parallelogram; circumference of a circle	3A	2a-f
Expressions and formulae	Simplifying expressions; writing a formula	2A	3e, 3g
Expressions and formulae	Simplifying expressions; using brackets; formulae	3A	3a-c
Fractions, decimals and percentages	Adding and subtracting fractions; fraction of a quantity; multiplying and dividing fractions; fractions and decimals; percentage of a quantity; percentage problems; repeated percentage change	3A	4a-h
Angles and 2D shapes	Angles and parallel lines; angles in a triangle; properties of triangles; angles in a quadrilateral; properties of quadrilaterals	3A	5a-e
Graphs	Horizontal and vertical lines; tables of values; drawing straight line graphs; equations of straight line graphs; interpreting real life graphs; time series graphs	3A	6a-g
Calculations	Addition and subtraction problems; written addition and subtraction; multiplication and division problems; interpreting the calculator display	2A	7d, 7e 11a,11f
Calculations	Addition and subtraction; mental multiplication and division; written multiplication; written division; estimating and approximating; using a calculator	3A	7a-f
Statistics	Averages from frequency tables; comparing data sets	2A	8h, 8i
Statistics	Designing a survey; collecting data; frequency tables; bar charts; pie charts; calculating averages; scatter graphs; stem-and-leaf diagrams; frequency diagrams;	3A	8a-j

8B Revision List. All of the chapter references are for the MyMaths books on Kerboodle

Topic	What to revise	Book	Chapter & exercise
Whole numbers and decimals	Powers of 10; Rounding; factors, multiples and primes; estimating and approximating	3B	1a-d
Measures, perimeter and area	Measures; area of a 2D shape; circumference and area of a circle; compound measures	3B	2a-f
Expressions and formulae	Expanding brackets; Writing formula	2B	3d, 3f
Expressions and formulae	Change the subject of formula	2C	3g
Expressions and formulae	Algebraic fractions; formulae in context;	3B	3b-c
Fractions, decimals and percentages	Adding and subtracting fractions; multiplying fractions; dividing by fractions; decimals and fractions; percentage change; percentage problems; repeated percentage change	3B	4a-g
Angles	Angles in parallel lines	2B	5c
Angles	Angles properties of a triangle, quadrilateral and polygon; congruent shapes	3B	5a-e
Graphs	Equation of a straight line	2B	6b
Graphs	Tables of values; drawing straight line graphs; Gradient of a straight line graph; y-intercept of a straight line graph; the equation y = mx + c; equations given implicitly; real life graphs; distance –time graphs; time series	3B	6a-i
Decimal calculations	Adding and subtracting decimals; multiplying decimals; dividing decimals; using a calculator; interpreting the calculator display	3B	7a-e
Statistics	Draw pie charts; Scatter graphs and correlation; stem-and-leaf diagrams;	2B	8c, 8g, 8h
Statistics	Planning a project; data collection; frequency tables; statistical diagrams; calculating averages; interpreting graphs; correlation; averages from grouped data; comparing distributions	3B	8a-k

8C Revision List. All of the chapter references are for the MyMaths books on Kerboodle

Topic	What to revise	Book	Chapter & exercise
Whole numbers and decimals	Rounding and estimation	2C	1f
Whole numbers and decimals	Significant figures; upper and lower bounds; using numbers in index form; prime factors; HCF/LCM	3C	1a-d
Measures, perimeter and area	Surface area of a prism; volume of a prism & cylinder	2C	14c-d
Measures, perimeter and area	Metric & imperial units; length and area; compound measures	3C	2a, 2c-e
Expressions and formulae	Algebraic fractions; expand brackets	2C	3d, 3i
Expressions and formulae	Factorise brackets	3B	3a
Expressions and formulae	Index Laws; identities; formulae; changing the subject of a formula	3C	3a, 3e-3g
Fractions, decimals and percentages	Fractions, decimal and percentages	2C	4f
Fractions, decimals and percentages	Calculating with fractions; recurring decimals and reciprocals; percentage increase and decrease; reverse percentages; repeated percentage change	3C	4a-e
Angles and 2D shapes	Angle facts (including parallel lines); angles in a polygon; circle properties; arcs and sectors;	3C	5a-b, 5d
Graphs	Equation of a straight line; graphs of implicit functions	2C	6b, 6e
Graphs	Find the equation of a straight line graph	3B	6e
Graphs	The gradient of a straight line; graphs of linear functions; quadratic graphs; cubic graphs; distance-time graphs; real life graphs; time series	3C	6a-b, 6d-i
Decimal calculations	Calculator skills	2C	11c
Decimal calculations	Order of operations; calculating with decimals; using a calculator; interpreting the calculator display	3C	7a-d
Statistics	Frequency tables; constructing diagrams; pie charts; averages	2C	8c, 8e
Statistics	Planning a statistical survey; data collection; frequency diagrams; the mean; correlation; interpreting data; comparing distributions; box plots	3C	8a-f, 8h-j

Year 8 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.

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)

Musical Terms

Tempo – speed

Allegro – fast

Andante – at a walking pace

Articulation

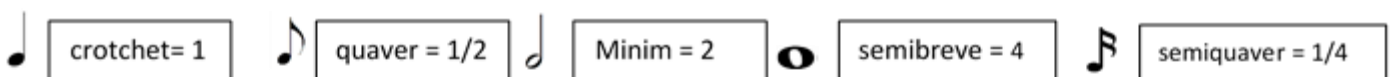Staccato – short notes

Legato – smooth

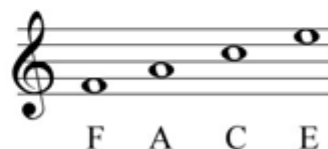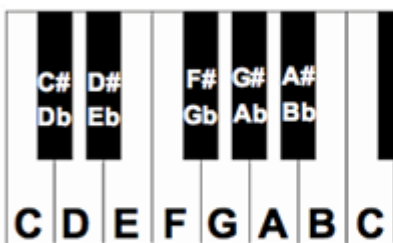Pizzicato – plucked strings

Dynamics

Forte –loud

Piano – soft

Crescendo – getting louder

Section B – Musical Theory

crotchet= 1   quaver = 1/2   Minim = 2   semibreve = 4   semiquaver = 1/4

Recognise and name notes on the piano keyboard and treble clef.

C# D#   F# G# A#
Db Eb   Gb Ab Bb

C D E F G A B C

E G B D F

F A C E

Middle C D E F G A B C D E F G A

Spaces

FACE in the SPACE

Lines

Every **G**reen **B**us **D**rives **F**ast

Year 8 POR revision list 2020

Your assessment will be based on 2 topics we have covered this year. If you do not have your book, please do not worry – you can revise the topics in other ways.

Topics:
- **Sikhism**
- **The Passion of Jesus**

Make sure you have a secure knowledge of the topics listed here.

1. **Sikhism**

- Where did Sikhism begin?
- Who founded Sikhism?
- Why did Sikhism begin?
- What is a guru?
- What is the Guru Granth Sahib?
- Why is the Guru Granth Sahib important to Sikhs?
- How is a Gurdwara used?
- How does the Gurdwara reflect Sikh beliefs?
- What is langar?
- Why is langar important to Sikhs?
- What are the 5 Ks?
- Can I name the 5Ks?
- What is a Khalsa Sikh?
- How does becoming a Khalsa Sikh affect a believer's life?
- Key terms attached to any topic we have covered

2. The Passion of Jesus

To know what happens in the following events and the significance of these events to Christians today.

- Palm Sunday
- The Last Supper
- Gethsemane/ arrest of Jesus
- Trials of Jesus
- Crucifixion
- Resurrection

When you have a revision lesson you will be set resources and tasks to help you revise.

Revision links
- ✓ Here are some links that could also help you:
- ✓ This list contains lots of places you can go for revision – you do not have to use them all.

The Passion of Jesus

YouTube clips relating to the story
https://www.youtube.com/watch?v=hn-6lE9ERW4 Palm Sunday

https://www.youtube.com/watch?v=UonsJlKD1vE The crucifixion

https://www.youtube.com/watch?v=YPQPJTc8eqE
The Resurrection of Jesus

http://request.org.uk/?s=holy+week

Sikhism

https://www.youtube.com/watch?v=qx6jOKCroBY&list=PLcvEcrsF_9zLhNdOWcIo9cFJulSNNahS2 **9 parts = 30 mins**

https://www.truetube.co.uk/list?search=sikhism&page=1
lots of different videos about topic we have covered

Kerboodle resources - Sikhism Living faiths book

Science – Year 8 Summer 2020

You will have six revision lessons in Science before the Science assessment where your teacher will set you some revision tasks to help you with your revision. Over this time, you will have reviewed all the work covered in year 8 so far. You must however also do your own revision using the revision list below and use resources like Kerboodle, BBC bitesize along with your class notes.
The following lists all the content covered which could be used as part of your summer assessment.

Mechanics
- Construct distance time graphs to show when something is moving and when it is stationary
- Interpret distance time graphs
- Calculate speed from a distance time graph
- Predict how a force will change the shape of a material
- Explain what Hooke's Law is and apply it to situations
- Calculate pressure (pressure = force / area)
- Describe uses of pivots and how they work
- Calculate the moment of a force (moment = force x distance)

Photosynthesis
- Recall the word and chemical equation for photosynthesis and know how the plant gets the reactants and what happens to the products
- Identify and explain the ways in which a leaf is adapted to carry out photosynthesis

Chemical Reactions
- Recall the hazard symbols
- Compare the difference between physical and chemical changes
- Identify whether a change is physical or chemical
- Recall the test for carbon dioxide (lime water)

Light and Vision
- Recall the law of reflection and construct diagrams showing reflection
- Explain why refraction happens
- Recall the order of the colours in the spectrum
- Recall the primary and secondary colours of light
- Explain how filters work in terms of absorption and transmission of the different colours of light

Elements, Compounds and Mixtures
- Define elements, compounds and mixtures, give examples of each and compare the differences between them
- Explain how filtration works, what it separates and the terms filtrate, residue, funnel and filter paper
- Explain how evaporation is also a separating technique and what it can separate
- Describe distillation as a separating technique, using the terms evaporation and condensation
- Describe the process of fractional distillation of crude oil
- Explain what chromatography is, what is separates and how it separates
- Describe what chemical formulae are

Food and Digestion
- Recall the components of a balanced diet and give examples of each
- Explain the function of each component of a balanced diet
- Recall the position of the organs involved in digestion and know the function of each one
- Describe that food molecules need to be digested before they can be absorbed into the blood

Energy
- Recall the nine forms of energy
- Discuss energy transfers and construct energy flow diagrams
- Recall what fossil fuels are and describe how they are formed
- Give advantages and disadvantages of fossil fuels
- Define non-renewable and renewable in terms of fuels
- Describe the energy transfers that occur in a power station
- Give advantages and disadvantages of nuclear fuels

How my Body Works
- Recall the functions of a skeleton and know the different types of skeleton
- Describe the interaction between muscles and the skeleton
- Explain the role of the circulatory system in respiration
- Recall the structure of the respiratory system and the functions of each part
- Recall the structure of the circulatory system and the functions of each part
- Discuss where gas exchange occurs
- Describe the mechanism of breathing and air movement in terms of air pressure

Spanish

Use the Mira 2 book to revise the key vocabulary from each module covered so far this year:

Module 1 (Pg 22-23) – people, presentations, talking about other people, comparatives, nationalities, expressing opinions

Module 2 (Pg 40-41) – talking about places in the town, inviting someone out, making excuses, likes and dislikes

Module 3 (Pg 58-59) – holidays, using the past tense, saying where you went, who with and what you did

Module 4 (Pg 76-77) – food, describing meals, food and drink preferences, eating out, using 3 tenses together

Module 5 (Pg 94 only) – La ropa only-clothes items, colours and frequency expressions.

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) tense, present tense and the immediate future tense.

For the translation assessment 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 **ONE assessment** over **1 hour maximum**:

1) **Reading, grammar and translation**

   a) Reading- short texts with questions to respond to either with multiple choice or short answers in English.

   b) A multiple choice sentence gap-fill testing knowledge of Spanish grammar rules.

   c) A short paragraph to translate from Spanish into English

Additional revision sources:

www.linguascope.com (holtschool / franish20)

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

Technology

- Equipment and tools and its use
- Health and Safety use with machinery
- 2D Design – advantage and disadvantages
- Symbol meanings in the classroom
- Materials – know the materials we have used/spoken about in the project
- ACCESSFMM – know what they are and what they mean
- Terminology's in Design and Tech – know the processes that we have done during the project e.g. design process, evaluations

Girls can use their exercise books to help with revision – if not book, then they can use the current project theory work to help revise from.

Year 8 Textiles

Equipment

- Identify a selection of equipment that we use in the textiles room. In order to help you remember, make a list about the equipment that you have used to create your hat, including the equipment in our trays, templates, paper patterns and the machines in the textile rooms.

Be able to write definitions for the following:

- All aspects of a Specification
- Design Brief
- Be able to label the parts of the sewing machine and know how it works.
- Be able to describe step by step how to embroider a logo shown using the CAD embroidery machine?

- Be able to identify all equipment used in making the hat project.
- Be able to name different methods of using a machine to design and produce a logo design.