Shimna Integrated College

March 2020

Year 9

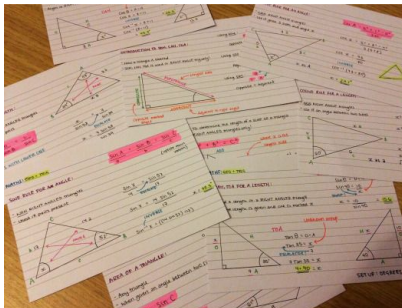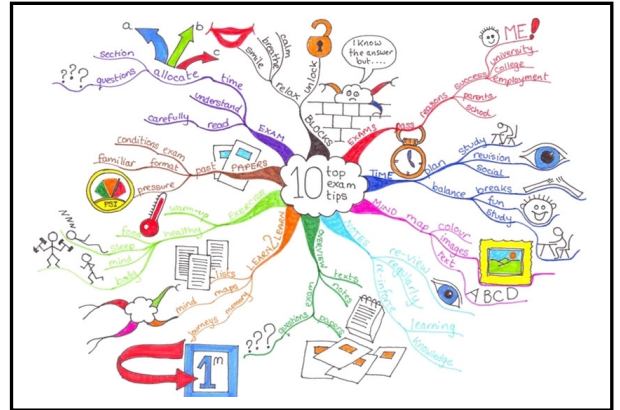## Learning Guidance

Revision Hints and Tips

Revision tips

- Start your revision in good time
- Plan a revision timetable
- Highlight homework deadlines and exam dates and times
- Plan 30 minute or maximum of one hour slots for each subject
- Revise specific topics in a subject, not the whole subject
- Cover areas from each subject several times
- Only revise a couple of topics per evening
- Leave some time to relax

HARD WORK AND DETERMINATION WILL GET YOU WHERE YOU WANT TO GO.

Try some of these to see which work best for you

- Online resources
- Flashcards
- Mind maps
- Record information and listen back
- Post it notes
- Time lines
- Use colour to write or highlight key words and ideas in your notes
- Work with a friend to help and test each other
- Revision booklets
- Music in the background can help
- **Put mobile phones away!** Don't waste time on social media

SUBJECT	French
Useful revision tips	When learning vocabulary learn if the word is masculine or feminine i.e. does it begin with un/une? Revising vocabulary for reading and listening means **DOING** something with it. To revise your vocabulary effectively for French make sure you are **DOING** some of the following: • put it into quizlet (each year group has their own Shimna French quizlet page –ask your teacher how to join) • make flash cards (French one side English on the other) • make flash cards (French one side and a picture on the other) • make verb cards (put the infinitive on one side and the conjugated verb on the other, your teacher will show you…just ask!) • make post-it notes and stick them in your room where you will see them (do this for trickiest vocab and words you usually spell wrong) • record the vocab onto your phone • get someone to ask you it • make a PowerPoint of it with pics • Colour code! Use different colours to help you e.g. write "le" in blue and "la" in red. • Highlighters- use a highlighter to highlight verb endings you need to remember • Underline or circle words or parts of words that are important.
Which revision websites or books should I use?	www.linguascope.com www.quizlet.com https://www.youtube.com/channel/UCkHGejoIcXi9fAPejx2cFwg
What is the teacher looking for	Accurate spelling and gender (un/une) An answer which is relevant to the question Full sentences Complex sentences with linking words, intensifiers, opinions, narration, frequency words and tenses.

SUBJECT	Geography
Theme	Skills/Europe (revision) Population (revision) Economic activity (current topic) Rivers and flooding (new topic) Coasts (new topic)
Activities	Use your notebook and BBC Bitesize to **revise the first two topics**. Try the tests on BBC Bitesize (see links below for BBC Bitesize KS3 geography). The Europe map quiz (link below) will help you learn/remember the names of the countries of Europe – test yourself! **Economic activity** topic BBC Bitesize rural environments and tourism (links below). Read carefully and try the tests.

	Rivers and flooding and coasts topics
	BBC Bitesize rivers and coasts. Read carefully and try the tests (links below).
	River and coastal landforms presentation to be presented when we get back to school. Prepare a short PowerPoint/hand-drawn presentation, it should have 10 slides with one picture only per slide (no text) drawings are also acceptable. You will be given 10 seconds to present each slide (involves you saying roughly 25 words per slide).
	Slide 1 – erosion/transportation/deposition
	Slide 2 – v-shaped valleys
	Slide 3 – waterfalls
	Slide 4 – meanders
	Slide 5 – floodplains
	Slide 6 – caves
	Slide 7 – arches
	Slide 8 – stacks
	Slide 9 – beaches
	Slide 10 - spits
	The aim is to give the rest of the class/your audience information about how the landforms are made. You will need to practice this at home to get the timing right, making sure you cover the key points. The presentation is based on a presentation style called Pecha Kucha – see link below if you want to learn more about this (a great skill for life!). Note that I have reduced the time and number of slides.
	Extra work – if you finish this look at any of the other topics that interest you, all of this will be covered in more detail at GCSE level so will be very useful.
Which revision websites or books should I use?	Go over all work/worksheets in your geography book.
	BBC Bitesize KS3 geography
	https://www.bbc.co.uk/bitesize/guides/z6j6fg8/revision/1 OS map skills
	https://online.seterra.com/en/vgp/3007 Europe map quiz game
	https://www.bbc.co.uk/bitesize/topics/zg7nvcw population and migration
	https://www.bbc.co.uk/bitesize/guides/zy6gq6f/revision/1 rural environments - farming
	https://www.bbc.co.uk/bitesize/topics/zcmfb9q tourism
	https://www.bbc.com/bitesize/topics/zs92tfr Rivers
	https://www.bbc.co.uk/bitesize/topics/z6bd7ty Coasts
	https://wabisabilearning.com/blogs/technology-integration/how-to-make-great-presentations-with-pecha-kucha Petcha kucha
What is the teacher looking for?	Good and detailed understanding of everything covered in class including all worksheets and homework tasks. Sound understanding of key terms. An excellent presentation when we get back.

SUBJECT	German
Topics	Talking about a town/city
	Places in town
	Modes of transport
	Giving (and understanding) directions
	Snacks
	Talking about what you do in the summer holidays

	There will also be an option to write about where you live.
An example of a typical question	For the listening test you will be played audio recordings and will have to answer questions based on what you hear. Many of these questions will be multiple choice, or you may have to select a picture which matches what the person says. All the recordings have been made by real Germans!

The reading test at this stage is similar to what you did at Christmas: there will be some shorter multiple choice questions and then some comprehension questions based on longer texts.

For the writing assessment you will be given some short sentences to translate into German (make sure you know the vocabulary on pp. 110-111) and then you will have the choice to write either about where you live or about your holidays. You will have to write at least 100 words, but many people write a lot more. Here are some points you should mention:

Where I live
- Describe your house
- Describe your room
- Use prepositions to say where things are in your room
- Say what different people do in different rooms
- Say what you did at home yesterday

(You will notice that this overlaps hugely with what you did as a speaking assessment before Easter – if you did well in that you may wish to use the same preparation again!)

Holidays
- Say what you normally do in the holidays
- Describe the city (or town) you go to.
- Say some places you can visit in that town.
- Say what you eat there
- Say what you are going to do this year.

Here is an example answer on the topic of Where I Live (we'll go over this in class beforehand to see what makes it a good answer!):

Ich wohne in einem kleinen Dorf auf dem Land. Mein Dorf heißt Dundrum. Es liegt an der Küste von Nordirland. Meine Adresse ist Hauptstraße, 99.

Ich wohne in einem Einfamilienhaus. Das Haus ist ziemlich groß. Wir haben drei Schlafzimmer, ein Wohnzimmer, eine Küche, und ein Esszimmer. Es gibt auch ein Badezimmer, natürlich. Wir haben keinen Balkon, aber es gibt einen großen Garten hinter dem Haus. Ich liebe den Garten! Gestern habe ich Fußball im Garten gespielt.

Mein Zimmer ist klein und dunkel. Das Bett ist Blau und mein Schreibtisch ist schwarz. Der Schreibtisch ist nicht neben dem Bett, er ist zwischen dem Kleiderschrank und der Kommode. Mein Fernseher ist auf der Kommode und meine Lampe ist auf dem Schreibtisch.

Mein Vater kocht in der Küche und meine Mutter liest gern im Wohnzimmer. Mein Großvater arbeitet im Garten. |

	Gestern habe ich Musik im Wohnzimmer gehört, und ich habe im Badezimmer getanzt!
Which revision websites or books should I use?	quizlet.com is useful for making your own electronic flashcards. duolingo.com does not follow our course, but many students find it a stimulating and interesting addition to the work we do in class.
What is the teacher looking for?	Accurate spelling An answer which is relevant to the question Full sentences Complex sentences with different tenses and linking words

SUBJECT	History
Topics	• Why & how the Tudors tried to control Ireland • Living graphs • Flight of the Earls • Ulster Plantation – defining the word plantation, who established the plantations, why they failed & what groups benefitted from the plantations • 1641 Rebellion – what it was • Defining fact & opinion • William of Orange – family tree/links to the English throne, did William hate Catholics, Battle of the Boyne stages & map
Which revision websites or books should I use?	Your exercise book. BBC Bitesize – ks3 –' Horrible Histories on 'youtube' (when available) Class textbook: '*Ireland, 1500-1900*' (support revision notes can be requested from the teacher if you have missing notes)
What is the teacher looking for?	Attention to detail and correct use and understanding of historical terms and events. For the student to have attempted all the questions.

SUBJECT	Mathematics K Caulfield & B Quinn
Topics	Unit 1 – Probability • Write down the probability that an event will not happen given the probability that it will happen. • Write down the probability of an event such as the probability that a letter chosen at random from the letters of the word SUCCESSION is a vowel. • Write down the possibility space for two events. • Given the probability that an event will happen, write down the number of times an event is likely to happen.

Unit 2 – Area
- Find the area of a parallelogram.
- Find the area of a triangle.
- Find the square root of a number using a calculator.
- Given area and one other measurement of a square, rectangle, triangle or parallelogram find the missing measurement.
- Find the area of a compound shape.

Unit 3 – Ratio
- Simplify ratios
- Write ratios as fractions
- Find an unknown quantity such as x given 2:5 = 4:x
- Divide a quantity in a given ratio
- Write down and interpret a map ratio
- Use direct proportion to solve simple problems

Unit 4 – Scatter Graphs
- Interpret a scatter graph
- Draw a scatter graph
- Draw a line of best fit on a scatter graph
- Identify correlation on a scatter graph: strong, moderate, positive, negative
- Discuss collection of information

Unit 5 – Working with Number
- Find the value of positive indices
- Multiply numbers written in index form
- Divide numbers written in index form
- Find the value of negative indices
- Write down that any number to power zero is 1
- Write a number in standard form
- Write a number to a given number of significant figures
- Write a number to a given number of decimal places
- Estimate the answer to a calculation by writing all numbers to 1 s.f.
- Use a calculator to find powers of numbers

Unit 6 – Polygons
- Write down the definition of a polygon
- Understand what is meant by and write down the names of regular polygons with 3, 4, 5, 6, 7, 8, 9, 10 and 12 sides
- Know what is meant by convex/concave polygons
- Write down that the sum of the exterior angles of a polygon is 180°
- Find the exterior angle of a regular polygon with n sides
- Find the sum of the interior angles of a polygon

Unit 7 – Formulae
- Construct a simple formula
- Multiply out brackets
- Multiply directed numbers
- Use index notation with letters that stand for unknown numbers
- Substitute numbers into formulas
- Find a formula for the nth term of a sequence

Unit 8 – Percentages & Fractions
- Express one quantity as a fraction of another
- Find a fraction of a quantity
- Find the whole of a quantity given a fraction of the quantity
- Interchange fractions, decimals and percentages
- Use one percentage to find another
- Express one quantity as a percentage of another
- Find a percentage of a quantity
- Increase/decrease quantities by given percentage

Unit 9 – Circumference and Area of a Circle
- Understand what is meant by the radius, diameter and circumference of a circle
- Calculate the circumference of a circle given the radius or diameter
- Find the perimeter of sectors of a circle
- Find the radius of a circle given the circumference
- Find the area of a circle given the radius or diameter of the circle
- Find the area of a sector of a circle

Unit 10 – Multiplying & Dividing Fractions
- Multiply proper fractions using pen and paper method
- Multiply whole numbers and mixed numbers using pen and paper method
- Divide by a fraction using pen and paper method
- Multiply and divide fractions using a calculator

Unit 11 – Linear Equations
- Solve linear equations containing one bracket.
- Solve linear equations containing two brackets.
- Multiply and simplify algebraic quotients e.g. 4 x $x/8$
- Solve equations containing fractions e.g. x/5 = 4
- Solve simple equations involving decimals e.g. 0.75 x = 6

Unit 13 – Straight Line Graphs
- Given the equation of a straight line complete a table for given values of x
- Plot a straight line from its equation

Which revision websites or books should I use?	www.mymaths.co.uk www.corbettmaths.co.uk www.mangahigh.com BBC Bitesize Mathematics notebook

SUBJECT	Mathematics J Jones
Topics	**1. Number** Negative numbers Factors and multiples LCM & HCF Prime numbers Square numbers **2. Measures** Metric measures and units Imperial measures Reading scales Area of a rectangle (including composite rectangles) Coordinates **3. Probability** The probability scale and the language of probability Writing probabilities Experimental probability **4. Fractions/decimals/percentages** Ordering decimals Equivalent fractions Simplifying fractions Add/subtract fractions Finding a fraction of a quantity Finding a percentage of a quantity Converting between fractions/decimals/percentages **5. Algebra** Algebraic expressions Substitution Collecting like terms Expanding brackets **6. Angles and shapes** Angles Properties of a triangle Angles in parallel lines Properties of a quadrilateral Congruent shapes 3-D shapes **7. Equations** Solving equations **8. Calculations** Rounding Mental and written addition and subtraction Multiply and divide by powers of 10 Mental and written multiplication and division Order of operations – BODMAS **9. Transformations** Line symmetry Rotational symmetry Enlargement **10. Sequences** Term-to-term rules Position-to-term rules Sequences in context **11. Collecting and representing data** Collecting and sorting data – tally charts Pie charts Bar charts

Which revision websites or books should I use?	www.mymaths.co.uk www.corbettmaths.co.uk www.mangahigh.com BBC Bitesize Mathematics notebook

SUBJECT	Mathematics S Kelly
Topics	**1. Integers** Negative numbers Adding/subtracting whole numbers Factors and multiples Common factors Prime numbers Square numbers **2. Measures** Metric measures Units of measure Reading scales Area of a rectangle and triangle Coordinates **3. Probability** Describing probability using words The probability scale Writing probabilities Experimental probability **4. Fractions, decimals and percentages** Ordering decimals Writing fractions Equivalent fractions Simplifying fractions Convert fractions to decimals Adding/subtracting fractions Finding a fraction of a quantity Finding a percentage of a quantity Convert fractions and decimals to percentages **5. Algebra 1** Writing simple expressions Substitution Collecting like terms Expanding brackets Using formulae Constructing formulae **6. Angles and shapes** Types of angles Angles on line and around a point Opposite angles Types of triangle Angles in a triangle Isometric drawings **7. Equations** Solving one step equations Solving two step equations Forming and solving equations Mappings

	8. Calculations Rounding BIDMAS **9. Transformations** Reflection Line symmetry Rotation Rotational symmetry Translations Tessellations **10. Sequences** Describing sequences Generating sequences Squares and square roots Triangular numbers **11. Statistics** Collecting data Frequency tables Bar charts Pie charts Scatter graphs **12. Ratio and proportion** Writing ratios Simplifying ratios Dividing ratios Worded problems **13. Statistics 2** Mode, median and range Mean Interpreting charts
Topics	**14. Integers** Negative numbers Adding/subtracting whole numbers Factors and multiples Common factors Prime numbers Square numbers **15. Measures** Metric measures Units of measure Reading scales Area of a rectangle and triangle Coordinates **16. Probability** Describing probability using words The probability scale Writing probabilities Experimental probability **17. Fractions, decimals and percentages** Ordering decimals Writing fractions Equivalent fractions Simplifying fractions Convert fractions to decimals Adding/subtracting fractions Finding a fraction of a quantity Finding a percentage of a quantity

Convert fractions and decimals to percentages

18. Algebra 1
Writing simple expressions
Substitution
Collecting like terms
Expanding brackets
Using formulae
Constructing formulae

19. Angles and shapes
Types of angles
Angles on line and around a point
Opposite angles
Types of triangle
Angles in a triangle
Isometric drawings

20. Equations
Solving one step equations
Solving two step equations
Forming and solving equations
Mappings

21. Calculations
Rounding
BIDMAS

22. Transformations
Reflection
Line symmetry
Rotation
Rotational symmetry
Translations
Tessellations

23. Sequences
Describing sequences
Generating sequences
Squares and square roots
Triangular numbers

24. Statistics
Collecting data
Frequency tables
Bar charts
Pie charts
Scatter graphs

25. Ratio and proportion
Writing ratios
Simplifying ratios
Dividing ratios
Worded problems

26. Statistics 2
Mode, median and range
Mean

	Interpreting charts
Which revision websites or books should I use?	www.mymaths.co.uk www.corbettmaths.co.uk www.mangahigh.com BBC Bitesize Mathematics notebook

SUBJECT	Music
Topics	- Musical, notes, symbols & values - Stave – EGBDF FACE - Adverts - The Keyboard - Samba - Instruments
Which revision websites or books should I use?	- BBC bitesize - www.educationquizzes.com/ks3/music/ - www.lso.co.uk – London Symphony Orchestra

SUBJECT	INTEGRATED & RELIGIOUS STUDIES
Project 1 – Essays	

Title
Human Rights
Time to Complete
1-2 hours per essay – this includes research and writing time.

Final Product(s)

- 1 x essay (four fully developed points) answering any of the following questions:
  - "Some human rights are more important than others" Do you agree or disagree?
  - "Speech is never free" Do you agree or disagree?
  - "At times of national security, the government have a right to read our text messages and emails" Do you agree or disagree?
  - "The 30 articles of the UDHR are no longer fit for purpose" Do you agree or disagree?

Kudos Points Available

10 per essay (you can complete as many or as few as you like) – email completed essays only to jmccloskey442@c2kni.net

Resources

- https://www.bbc.co.uk/bitesize/guides/z9m68mn/revision/1 - BBC guide to human rights
- https://www.bbc.co.uk/bitesize/guides/z93ck7h/revision/3 - LLW HR resources
- https://www.theweek.co.uk/97552/hate-speech-vs-free-speech-the-uk-laws - Hate speech vs free speech article
- https://www.huffpost.com/entry/realizing-the-dangers-of-_b_8961412?guccounter=1&guce_referrer=aHR0cHM6Ly93d3cuZ29vZ2xlLmNvLnVrLw&guce_referrer_sig=AQAAAEiUkfeTtj5oi07Nq657Jft6X7bPYnkALD3UFXjmOB0Itsga7cBczrygcX94yFafgmr_J2tOAHrNicI6AstPATDdk8WCJKn6pBui1-kEAEyoYsQz592at3taKyDHo8iikBK3Ybf1MPc5VZuH0-_nAmoM6nXsze5vN1h90fOUaRM – the dangerous side of free speech
- https://www.youtube.com/watch?v=BNCMh6eQcgM – TED Talk on Human Rights and Data

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Project 2 – Creative Time

Title

Poverty and Social Justice

Time to Complete

2-3 hours to complete

Final Product(s)

- Create a presentation (using PowerPoint or Prezzi or any other presentation method you like) to answer the following questions:
  - What is poverty (absolute poverty and relative poverty)?
  - What are the causes of poverty?
  - What is the poverty cycle?
  - What methods are most effective in solving poverty?
  - What measures should the UK government implement to fight poverty?

Kudos Points Available

20 – email completed presentations only to jmccloskey442@c2kni.net

Resources

- https://www.bbc.co.uk/bitesize/guides/z4g9mp3/revision/2 - BBC Bitesize guide to poverty
- https://www.youtube.com/watch?v=U5qig9HIJ7k – Tearfund video about poverty
- https://www.youtube.com/watch?v=40cVFwQ5zwg – A story about living in poverty

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Project 3 – Individual Project

Title

Individual Research Project

Time to Complete

4-5 hours to complete

Final Product(s)

This year project is an opportunity to show off your religious knowledge. In order to do this, you will research a religious topic of your choice. Your chosen topic must be framed as a question and must be linked to religion in some way. Otherwise, it's up to you. Whatever question you've always wanted to answer or explore. Go for it.

An example of a question that could appear on the exam	**Writing:**
	Mi pueblo (my town/village)
	Write about your town. The amount you can write will partly depend on how much of the chapter you have covered in class. You could include:
	a) **Whether you live in a village, town or city,**
	b) **Where it is,**
	c) **What there is in your town,**
	d) **Compare it to other towns,**
	e) **What you can do in your town,**
	f) **Give your opinions on your town.**
	If you have covered it in class:
	g) **What you usually do at the weekend in town,**
	h) **What you are going to do this weekend in town.**
	<u>**Remember to use (**</u>Teachers will give guidance on this on fronter, see list):
	Connectives
	Comparisons
	Adjectives
	Intensifiers
	Negatives
	Give reasons and opinions
	Use the third person (he, she, it)
	Students may have been given the 'year 10 extension' booklet to help them with this. See fronter
What useful revision tips are there for the exam?	Use quizlet.com to learn the vocabulary for the listening and reading exams.: Ms Susay Mira 1 chapter 6.
	Make flashcards of the words in Spanish and English.
	Practice writing out from memory what you intend to write.
What are some of the typical mistakes students make in this exam?	Spelling! Try to aim to be as accurate as possible!
	Don't leave out verbs in a sentence!
	Try and stretch yourself by adding in more linking words and opinions. Your teacher will give you these.
	Do Spanish little and often! Start as soon as possible.
	Read questions carefully! If you can't understand a question in Spanish in the book either google translate it or use wordreference.com
Which revision websites or books should I use?	Use quizlet.com to learn the vocabulary for the listening and reading: Ms Susay Mira 1 chapter 6.
	Try linguascope.com
	Try BBC Bitesize KS3 Spanish
What is the teacher looking for?	Full answers, usually with verbs.
	Good spelling and accuracy. Good grammar.
	Evidence that you have tried to stretch yourself to write longer sentences with opinions and reasons and descriptions.