



FORM 3 REVISION GUIDE

DECEMBER EXAMINATIONS 2016

Art and Design

All tasks completed for Art and Design at home and in school go towards the units of work and the December and June reports.

Please note that the Form 3 Arabic Culture – Connected Learning Examination is completed during timetabled art classes and not during the internal examination week.

Information about Art units of work and supporting material is on Google Drive. Pupils are issued with the necessary information on how to access Google Drive from home.

Dates	Assessment % of Units of Work	Description of Units of Work and Requirements
2016		
September – November	Unit 1 – 40% Part 1	Arabic Culture connected Learning. Arabic Culture and Islamic Architecture research, analytical drawings, design, Arabic language and calligraphy.
	Unit 1 – 10% Part 2	Arabic writing and number test. The test is set by Ashgan Essa the Arabic Language teacher. Revision will include Arabic letters, words and numbers.
December	Unit 1 – 50% Part 3	Arabic/Islamic inspired Samples. Samples created in a variety of media using various skills and techniques based on research and drawings completed on Arabic Culture and Islamic Architecture.

**Biology**

Examination duration: 1 hour 15 mins

Final result based 100% on written examination


Topic	Start revising on the week beginning
Microscope and Cells (Form 1) Who Am I? (Form 1)	24 th October 2016
Photosynthesis (Form 1) Food & Diet (Form 1)	31 st October 2016 (Half term week)
Human Digestive System (Form 2)	7 th November 2016
Transport systems (Form 2)	14 th November 2016
Respiration (Form 2)	21 st November 2016
Human Reproduction & Plant Reproduction (Form 3)	28 th November 2016
All topics recap again	5 th December 2016 (Exam week)

Business Studies

Examination duration: 1 hour

Examination: 60% Coursework: 40%

#LiveFresh




Task

You will create and market a new 6" sub or flatbread for the low fat range #Livefresh

It must contain:

- <3g of fat
- <1.5g of saturates per 100g



#LiveFresh

What's involved.....

This will be a powerpoint and include:

Business Plan

- Target market
- Competitors
- Market research
- USP #Livefresh

Marketing proposals

- Sub design and ingredients
- Artwork for print advertisements and or video or radio storyboard
- £20000 marketing budget – how will you spend it?

Examination topics:

Topic
Marketing theory
Market segments
Market research
Primary research
Primary research advantages and disadvantages
Primary research – examples of
Secondary research
Secondary research advantages and disadvantages
Secondary research – examples of
Marketing mix
Advertising
Sales promotion
Product life cycle
Stages of life cycle
Features of each stage
Extension strategies
Pricing strategies



Chemistry

Examination: 1 hour

Final result based 95% on written examination and 5% on notebook.

Examination content: Topic 1	Oxygen
Topic 2	Hydrogen
Topic 3	Carbon dioxide
Topic 4	Reactivity Series of Metals

Oxygen

Physical properties (including percentage composition in air).

Lab. preparation using hydrogen peroxide and manganese (IV) oxide (commonly known as manganese dioxide), as catalyst. Diagram of preparation.

Definition of catalyst. Test for oxygen gas.

Experiment: Burning elements in oxygen/air – to include Fe, Mg, Cu, C and S. Identify acidic/basic oxides.

Mg experiment using crucible as well as burning Mg ribbon.

Definition of oxidation - addition of oxygen/removal of hydrogen.

Other examples to include combustion and rusting.

The effects of corrosive gas pollutants, e.g. sulfur dioxide on building materials. Acid rain: cause, effects and control.

Uses - welding, rocket engines, breathing use.

Definition of reduction – addition of hydrogen/removal of oxygen.

Examples to include: reduction of copper (II) oxide by hydrogen.



Hydrogen

Physical properties. Lab. preparation using zinc and sulfuric acid.

Revision of Acid + Metal \rightarrow Salt + Hydrogen

Observations: effervescence, test-tube warms up, metal disappears to give a colourless solution.

Test for hydrogen gas.

Uses – weather balloons, rocket fuel, potential as clean fuel.

Carbon Dioxide

Physical properties. Lab. preparation using calcium carbonate (marble chips) and hydrochloric acid.

Revision of Acid + Metal Carbonate \rightarrow Salt + Water + Carbon Dioxide

Test for carbon dioxide gas.

Uses – fizzy drinks, fire extinguishers, dry ice.

Reactivity Series of Metals

Chemical properties of the metals K, Na, Ca, Mg, Zn, Fe and Cu, limited to their reactions with water and steam, leading to the construction of a reactivity series.

The examination will also cover the topics of 'Elements, Compounds and Mixtures' from Form 1 and 'pH Scale' from Form 2 work.

Revision:

- Summarise your notes and test your learning using worksheets and worked examples in your F3 notebook and core homework booklet.
- Start your revision with plenty of time to spare.
- Make sure you draw any diagrams that may be asked in the examination, using a **pencil and ruler** and also make sure that they are **labelled**.
- Make sure you have the relevant notes from F1 and F2, if not, speak with your teacher immediately.



Drama

Winter Examination

60% of the final mark is allocated by coursework completed during the term: pupils produce and perform an extended improvised piece. Stimulus for this piece will be auditory (a piece of music). A rehearsal mark out of 15 is awarded while the performance is marked out of 30.

The remaining 40% is made up of a written examination.

Revision for the written examination:

- The History of Theatre: facts from the booklet
- Terminology associated with Drama (including style, genre, performance space, rehearsal methods, drama strategies etc.)
- Terminology associated with describing how you used voice, movement, facial expression and gesture in your performance
- Evaluate your second assessed performance from the term discussing what you did; why you did it; what effect you wanted to have on the audience.

English

Examination duration 1 hour 30 mins

10%: Talking & Listening (Persuasive Speech), Writing (Persuasive Writing) 20%.

Examination: KS3 Paper 1 Section A: Reading; Section B: Imaginative Writing using a picture – 70%.

Revision:

1. Language Rules;
2. Comprehension Work;
3. Creative Work;
3. Spelling;
4. Teacher feedback



French

Marks - *Listening, Speaking, Reading, Writing - 25% each*

Examination Week - *Reading/Writing (1 hr.)*

Before Examination Week - *Listening (25 min. in class)*

- *Speaking (5 min. in class)*

You should focus your revision on *Tricolore Total 3 – Units 1 + 2.*

TOPICS

- Personal information
- Asking and answering questions
- French-speaking countries and regions
- ICT
- Families and pets
- Describing friends etc.
- Daily life

- Sights in towns/cities e.g. Paris
- Tourist information
- Talking about what you have done
- Weather (past)
- Metro
- Describing a recent event/visit → opinions

GRAMMAR

- Present tense (incl. regular, reflexive and irregular verbs)
- Adjectives
- Perfect tense (with *avoir + être*)

ALSO

- Oral questions (in spoken and in written form) – see next page...



ORAL QUESTIONS

1. Quel âge as-tu? Quelle est la date de ton anniversaire?
2. Est-ce que tu as des frères ou des sœurs?
3. Tu t'entends bien avec ta famille? Pourquoi/Pourquoi pas?
4. Tu as des cousins? Est-ce qu'ils habitent tout près?
5. Décris ton/ta meilleur(e) ami(e).
6. Quelles sont les qualités d'un(e) ami(e)?
7. Décris une personne que tu admires.
8. Est-ce que tu aimes utiliser un ordinateur? Pourquoi?
9. Est-ce que tu as un ordinateur/Internet à la maison?
10. Quel genre de sites aimes-tu regarder?
11. Qu'est-ce que tu fais le matin avant de quitter la maison?
12. Qu'est-ce que tu fais le soir à la maison?
13. Qu'est-ce que tu fais le samedi?
14. Est-ce que tu as déjà visité Paris?
15. Qu'est-ce que tu as fait le week-end dernier?
16. Décris une excursion récente.



Geography

The F3 geography exam will last one hour – 90% written examination and 10% for the notebook.

Content will be based on:

- India
- Map Skills and
- Living on the edge (depending on progress through the term)

Detailed revision checklists will be made available in the lead up to the examinations.

German

The exam will be based on Chapters 1-4 of Na klar 1. Revise all notes from your vocabulary book, the summary at the end of each chapter and your oral questions.

100% - 4 skills @ 25% each – Listening / Speaking / Reading / Writing – all based on exam.

Oral - about 3 minutes / per pupil. Listening in class time – about 30 minutes. Reading and Writing – 45 minutes each – in one exam of 90 minutes.

- Greetings and Introductions
- Say your name and spell it
- Alphabet
- Ask and say how you are
- Numbers 1 – 50
- The definite and indefinite articles (words for **a** and **the**)
- Age
- Classroom objects
- Say where you live and describe it
- Ask questions about name/age /where someone lives etc
- Days of the week
- Months of the year
- Classroom instructions
- Talk about dates and birthdays
- Countries
- Where do you come from?
- Members of the family
- Brothers and sisters
- Adjectives to describe personality
- Pets



- Plural form of pets
- Colours and descriptions of pets
- Physical appearance – height, hair, eyes etc
- The different words for **you**
- (Ich habe) einen/eine/ein and keinen/keine/kein
- The Present tense of regular verbs (eg kommen)
- The verb **haben**
- The verb **sein**
- (Writing letters of introduction)
- Oral questions

History

Subject knowledge:

THE FIRST WORLD WAR

1 Origins of the First World War

- A: Europe and the world in 1900
- B: The development of the alliance system, 1871-1907
- C: Anglo-German rivalry and the Balkans
- D: Sarajevo and the final crisis
- E: Who was to blame?

2 Military developments 1914-1916

- A: From the Schlieffen plan to the Marne, 1914
- B: Propaganda
- C: The Western Front: weapons and warfare
- D: Life in the trenches
- E: 1916: Verdun and the Somme
- F: The war at sea
- G: The war in the air

3 The Home Front

- A: DORA
- B: Conscription
- C: Rationing
- D: Civilian suffering
- E: The role of women

Skills:

While some questions in the examination will assess pupils' subject knowledge, others will examine pupils' skills in working with evidence. When analysing evidence, the Form 3 historian must have the ability to determine whether the evidence is objective or subjective (i.e. whether the author is biased or not). S/he must also be able to make a judgement on how useful the source material is to an historian studying the period to which it relates. This will involve the pupil analysing both the content and the provenance of the source material.

Advice for revising History:

1. Revise only one topic per revision session (approximately 30 mins.). Avoid revising too much in one go.
2. Use spider diagrams/mind-maps as a means of selecting the key points from the notes in your notebook.
3. As a revision session draws to an end, close your notebook, cover all your revision notes/cards and take a blank page and see if you can reproduce your spider diagram. If you can, your revision has been effective. If you cannot, you need to go back and revise that topic/section of the topic again. Remember, it's not the quantity of revision that is important, but the **quality** of the revision.

Assessments Autumn/Winter Term

Form	Format of assessments	% of February report mark
3	<ul style="list-style-type: none"> • December Examination (1 hour) • Coursework – Letter from the trenches • Result of a class test/assessed homework • Notebook 	<p>65</p> <p>25</p> <p>5</p> <p>5</p>

Home Economics

The examination will last 1 hour 15 mins.

The mark is a combination of a piece of coursework and the written examination. The coursework is approx 15% the examination 85%.

Pupils are expected to revise the following booklets:

- Nutrition
- Teenagers
- Calcium
- Iron
- Vegetarians
- Family

**Latin****[Term's Work = 20%]**

1. <u>SEEN TRANSLATION</u>	Revise all Latin passages / stories in C.L.C. Book 3 Stage 21.	20%
2. <u>SEEN COMPREHENSION</u>		15%
3. <u>UNSEEN COMPREHENSION</u>	Revise:- (i) C.L.C. Books 1 & 2 vocabulary handout	10%
4a. <u>MISSING WORD / TRANSLATION SENTENCES</u>	(ii) C.L.C. Book 3 Stages 21-22 vocabularies (iii) New Grammar Book Chapters 1-3	9%
4b. <u>PORTO TENSES QUESTION</u>	(iv) Grammar Tables:- pages 146-147: first three declensions pages 156 and 157 (top): porto page 158: irregular verbs	6%
5. <u>BACKGROUND</u>	Revise Stages 21-22 background sections, including all pictures, drawings and diagrams from the start of Stage 21 to the end of Stage 22.	20%



Mathematics

Examination duration: 50 minutes (non-calculator), 1 hour and 20 minutes (calculator).

Final result based 90% on written examination, 10% on two class tests.

Topics covered in the Autumn term:

1. Inequalities
2. Upper and lower bounds
3. Probability
4. Algebraic products
5. Percentages, including reverse % and % increase
6. Direct and inverse proportion, Ratio
7. Straight Lines
8. Cumulative frequency curves, Mean from a (grouped) table
9. Solving equations, including those involving fractions
10. Indices
11. Algebraic factors-factorising
12. Compound interest

The non-calculator examination will include questions on topics from Form 1 and Form 2 work.

For revision, please practise questions by covering up the examples, practising questions done in class and attempting the exam-type questions that are available near the examination time.



Music

40% of your December Exam will be completed in class through performing, listening and composing activities. The Aural/Theory Exam will take place in class between Monday 21st and Friday 25th November

January Exam

Samba/ African Drumming	20%
Raga Composition	20%
December Aural/ Theory Exam	60%
<u>TOTAL</u>	<u>100%</u>

The Aural/Theory Exam will consist of the following:

December Aural/Theory Exam:

All classes:

You should be able to:

1. Form 1 revision – treble & bass clef notes, simple time signatures such as 2/3, $\frac{3}{4}$ and 4/4, Italian terms, accidentals, C, D, G and F major key signatures
2. Form 2 revision – A, E and D minor key signatures, tonic triads, dotted notes, tied notes
3. Key terms and features of Samba and Indian Music

All these topics and supporting notes are in your theory book.



Physics

Examination duration: 1 hour 15 minutes.

Final result based 100% on written examination.

You will require a pen, pencil, ruler, rubber and calculator.

Examination content: Length, Mass, Volume, Density, Space, Magnetism, Waves, EM Spectrum, The Atom, Electrostatics, Electricity, Electromagnetism, Speed and Forces.

Revision: Summarise your notes and test your learning using worksheets and worked examples. Use the revision schedule and checklists which are available on Fronter.

Religious Studies

December mark breakdown: 80% Exam

20% Coursework

Examination content:

1. The events of Holy Week

- Triumphant entry
- Arrest in the Garden of Gethsemane
- The trials of Jesus
- The crucifixion

2. Resurrection of Jesus

- The theories as to where Jesus' body went to

3. Life after death

4. Commissioning of the eleven

- Go, Baptise and Teach
- Evangelism in the Developing world



Spanish

The examination is based on Modules 1 and 2 of Viva!

- Greetings- learn how to say hello, goodbye, good morning, good afternoon, good evening and goodnight.
- Say what your name is and ask what someone else's name is.
- Use the Spanish words for Mr, Mrs and Miss.
- Ask how someone is and say how you are.
- Say the Spanish alphabet and understand the letters when you hear them. Ask how to spell a name and use the Spanish alphabet to spell a name.
- Know the numbers 1-100. Say how old you are and ask someone else's age.
- Know the days of the week and months of the year and say your birthday. Give the date.
- Know examples of regular verbs and some irregulars: tener-to have, ser- to be, vivir-to live; hablar- to speak, gustar-to like
- The possessive adjectives- mi/mis-my; tu/tus-your
- Ask someone where they live. Say where you live.
- Use adjectives to describe yourself, people and animals. Remember to make the adjectives agree with the noun.
- Vocabulary for the following:
 - Family members.
 - Countries and nationalities.
 - Colours.
 - Pets and animals.
 - Adjectives to describe people, animal and things.
- Say what you like to do in your free time
- Weather and seasons (Page 46 Viva)
- Say what sports you like
- High -Frequency useful words(Pages 25 and 47)

Examination is in 4 parts: Speaking (5 mins), Listening (30 mins), Reading and Writing (1 hour) each with 25% mark scheme. The Listening component takes place in class pre-exam week. The rest is usually in examination week.



Form 3 Spanish Winter Questions (8 out of 10 questions)

1. ¿Cómo te llamas? ¿Cómo se escribe tu nombre?
2. ¿Qué tipo de persona eres?
3. ¿Tienes hermanos? ¿Cómo son?
4. ¿Cuándo es tu cumpleaños?
5. ¿Qué fecha es hoy?
6. ¿Tienes mascotas? Descríbelas.
7. ¿Qué te gusta hacer en tu tiempo libre? (3 actividades)
8. ¿Qué haces cuando llueve/hace sol etc?
9. ¿Qué deporte haces?

- 10.¿Qué haces en tu tiempo libre?(3 actividades)

8 Questions x 3 marks = 25 plus bonus for accent and good pronunciation



Technology and Design

<i>Exam</i>	<i>Coursework</i>
50%	50%

Examination duration: 1hr 15 minutes

Examination:

The written examination will account for 50% of the total marks.

Examination format:

- Multiple choice structured questions
- Structured questions
- A drawing question
- A design question

You will require a pen, pencil, or range of pencils, a ruler, a rubber and colouring pencils. If you have a circle or ellipse template, these should also be brought to the examination.

Coursework:

Coursework will account for 50% of the total marks.

The following will contribute to the coursework marks:

- Manufacture of the Mobile Phone Speaker Project
- An isometric drawing