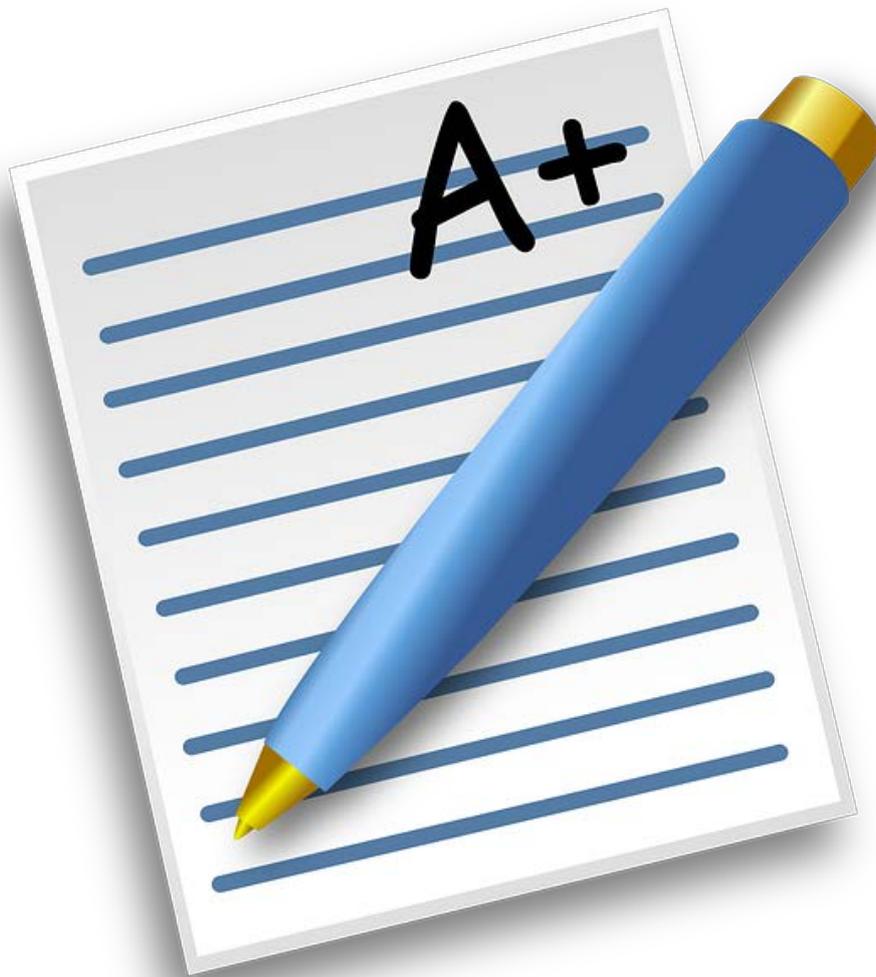




St Martha's

Exam Revision Booklet Second Form



Exam Timetable: 5th to 9th June 2017

Subject to change

SECOND FORM	ROOM 22		
DATE	ROOM	SUBJECT	Length
MONDAY		REVISION	
	22	ENGLISH BREAK	60 min 10:15-10:30am
	Room 22/ Drama room 25	MUSIC/ DRAMA	50 min
	Room 22/ Drama room 25	MUSIC/ DRAMA	60 min
		LUNCH	12:45-1.45pm
	22	REVISION	
	22	CLASSICS/ LATIN	60 min
DATE	ROOM	SUBJECT	Length
TUESDAY		REVISION	
	22	FRENCH BREAK	50 min 10:15-10:30am
	22	REVISION	
	22	RE	60 MINS
		LUNCH	12:45-1.45pm
	22	REVISION	
	22	GEOGRAPHY	60 MINS
DATE	ROOM	SUBJECT	Length
WEDNESDAY		REVISION	
	IT ROOM/ ART ROOM	IT/ ART BREAK	50 MIN/ 90 MINS 10:15-10:30am
	22	MATHS	60 MINS
	22	MATHS LUNCH	60 MINS 12:45-1.45pm
	22	REVISION	
	22	HISTORY	60 MINS
DATE	ROOM	SUBJECT	Length
THURSDAY	22	REVISION BREAK	10:15-10:30am
	22	REVISION	
	22	SPANISH	50 MINS
		LUNCH	12:45-1.45pm
	OUTDOORS	GAMES	60 min
	OUTDOORS	GAMES	60 min
DATE	ROOM	SUBJECT	Length
FRIDAY		REVISION	
	22	HE/ TEXTILES BREAK	60 MINS 10:15-10:30am
	22	REVISION LUNCH	12:45-1.45pm
	22	REVISION	
	22	SCIENCE	45 MINS
<i>Correct as of</i>	16/05/2017		
<i>Subject to change</i>			

Examinations & Support

To support during the revision period, please take time to read through the information contained in the documents below;

English

See attached

French and Spanish

Assessments in French and Spanish will start before half term. Students and pupils have received the revision lists and guidance in lessons. Students and pupils have prepared speaking assessments and will be prepare for a writing assessment which will take place after the half term break. Students and pupils are advised to refer to the guidance in their exercise books.

Religious Studies

- ❖ Jesus' Ministry including the miracles and Pharisees
- ❖ Easter
 - What happened?
 - Meaning of Easter
 - Last Supper
 - Holy Week
 - Disciples/Apostles
 - Pentecost
 - St Alban

2nd Form: Latin Grammar & Culture

The exam will be made up of a **short text and questions** and **activities in Grammar**. You will need to revise the following topics:

- 1) Verbs and tenses.
- 2) The endings of the verbs in the following tenses: Present, Imperfect, Perfect, and Future.
- 3) Nouns and cases.
- 4) Nominative (Subject) and Accusative (Object)
- 5) Aeneas and the origins of Rome.
- 6) Romulus and Remus.
- 7) The foundation of Rome.

Geography

Development

The Brand line

MEDC/LEDC

Indicators of development – life expectancy, GNP/GDP, population per doctor, Birth rate/Death rate, Adult Literacy rate, Infant mortality – meanings of each indicator

Factors affecting Development – Historical, Social, Economic, Environmental

Fair Trade – What is it and how can it help/the problems of fair trade

Aid - What is it and how can it help/problems with aid

What can be done to reduce the gap - fair trade, Aid, cancel the debt.

Coasts

Types of waves

Factors affecting waves – wind, wind speed, fetch, distance of sea

Processes of Coasts – Erosion, Transportation and Deposition – meaning of each process

Different types of Erosion – Hydraulic Pressure, Attrition, Abrasion, Solution

Long shore Drift – how the process works.

Landforms created by Erosion – wave cut platform/cliff collapse, cave-arch-stack-stump sequence

Landforms created by transportation and deposition: Spits

Cliff collapse – coastline under threat

Science

2nd Form

Biology

Food groups

Food tests

Healthy and unhealthy diets

Digestive system

Bacteria and Enzymes

Drugs / Alcohol / Smoking

Photosynthesis

Leaves

Plant Minerals

Chemosynthesis

Aerobic and anaerobic respiration

Food chains and food webs

Ecosystems

Chemistry

Metals and non metals

Groups and periods

Group 1

Group 7

Group 0

Mixtures

Solutions
Solubility
Filtration
Evaporation and Distillation
Chromatography

Physics

Charge
Circuits and currents
Potential difference
Series and parallel
Resistance
Magnets and Magnetic fields
Electromagnets
Food and fuel
Energy
Temperature
Energy transfer
Conduction, convection, radiation.
Energy resources
Energy and power
Work, energy and machines

Maths

See attached

CLASSICS-

2nd Form: Greek Civilisation

The exam will be made up of **short factual** questions and **longer explanatory and analytical** questions. The number of marks available for each question will be clearly displayed next to the question. You will need to revise the following topics:

- 1) **The Creation of the World:**
 - Family tree of the gods
 - Rule of Cronos
 - Revenge of Zeus
- 2) **Greek gods:**
 - Names and powers of all the Olympia gods
 - How you can recognise the gods in Greek art
 - Their importance in Greek society.
- 3) **Acropolis:**
 - Why & for whom it was built.
 - The different buildings on the site & their functions.
 - The decoration on the Parthenon.
- 4) **Olympia:**

- Where & for whom it was built.
- The different buildings & their functions.
- The decoration on the Temple of Zeus.

Food and Nutrition-

2nd Form Revision List for the end of Term exam 2017

All questions to be answered on file paper and use your revision time sensibly

Heat transfer	Pg 102 & 103
Cooking methods	Pg 102 and 103
Nutrition terms	Pg Pg 6
Nutrition	Pg 8 – 17 Know the source and function of each
The Eat Well Guide	Pg 24 – 25 and lesson on the 9th May
Tips on how to be healthy	Textbook and handouts
Sensory descriptors	Sheet-smell; taste; texture; colour
Fruit and vegetables	Pg 58 – 63 – know the veg groups and the nutrients in them
Advice on cooking & preparation of vegetables – Hand out	

Read and re read the text book and the handouts you have received from me.

ICT

1. E-safety
2. Publisher: borders, shadowing, bullet points, overlapping images, removing white background
3. HTML and web authoring (webplus)
4. Networks – Internet and communications
5. Impact of ICT

Art & Design

See attached

DRAMA

Students have learnt numerous skills in their Drama lessons, this will be assessed in a practical Drama exam during exam week. They will be expected to apply and adapt effectively an extensive range of practical skills through voice, movement, facial expressions and use of stage space. To perform a role creatively with a high degree of originality to communicate their ideas. This should be sustained in performance. They need to show a thorough awareness of audience, and a strong commitment to the group must also be evident.

History

Elizabeth 1

Interpreting portraits of Elizabeth

Use of symbols and their meanings – jewellery, pearls, coat of arms,

Problems faced by Elizabeth – religion, marriage, poor,

Queen Mary of Scots

Spanish Armada – learn events in detail reasons for attacking Britain and reasons for failure

Causes of poverty in Elizabeth's Reign

Poor laws – the 4 laws with dates and detailed descriptions.

Slavery

What is slavery - definition

How slavery helped Britain – Buildings in Britain funded by slavery

Slave trade triangle

The middle passage – slave ships and conditions on slave ships

Interpreting sources – using sources as evidence

Slave auctions

Life on plantations

Abolishing slavery

Second Year Art Revision Guide

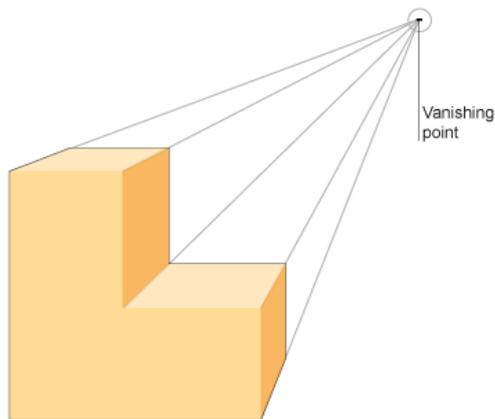
2nd Year Art Exam



Charles Sheeler (1883 – 1965) was an American painter and photographer. He painted using a technique that he called **Precisionism**, using his photographs of industrial buildings as reference.

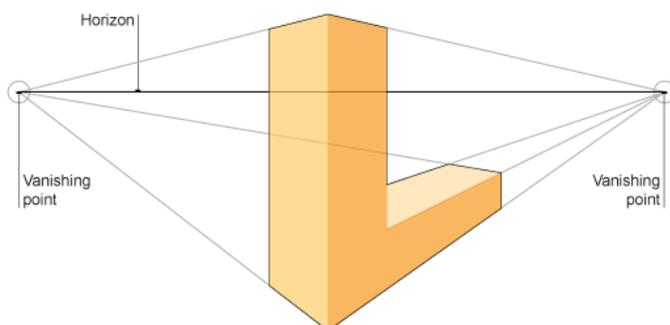
One-point perspective

One-point perspective uses one vanishing point.

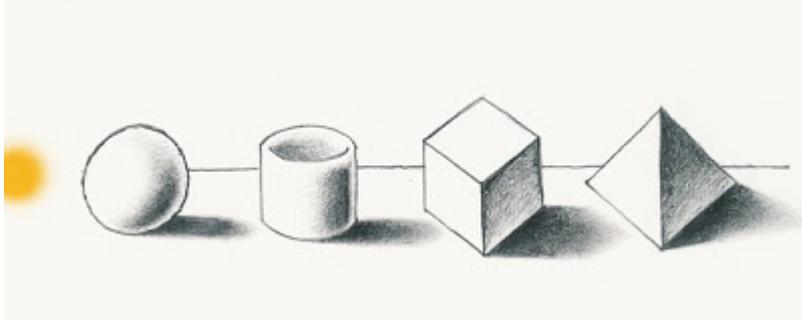


Two-point perspective

Two-point perspective uses two vanishing points, connected by a horizontal line.



Light source



The light source is on the left therefore the right hand side of these objects is in shadow

For this 90 minute exam you will need

- A4 plain paper
- A drawing pencil and colour pencils
- A pen

Exemplar Questions

Your task

- Make a careful study of this painting by Charles Sheeler on a plain piece of A4 paper
- Use a drawing pencil and colour pencils
-

Answer these questions underneath your drawing (*not on the exam paper*)

- Where is the light coming from? How can you tell?
- Has the artist used one point or two point perspective? How can you tell?
- Why do you think he called his technique **Precisionism**?
- What do you think of your study?
- Excellent, good or more work needed? Why?

ENGLISH-

Composition: Students should review sentence structure, connectives, punctuation within sentences, paragraphing and segues. These can be found on Bitesize and also in the more detailed notes provided for the students.

Mark Scheme: Please ensure that you have reviewed the mark scheme for reading and writing and understand the differences between the levels. Students should clearly understand the differences between the levels. Detailed information has been provided for the students.

Language: Students should understand the notes on at the back of the Cambridge Shakespeare edition. The notes cover the following terms: repetition of patterns, repetition of words, antithesis, blank verse and iambic pentameter. Students should have a good understanding of the effect of these devices.

Students should also know metaphors, caesura, end-stopped lines, alliteration, sibilance, enjambment and other terms studied in the poetry unit. Students should be able to explain the effect of these devices.

Structure: Students should know the themes of the play and the general structure of a five act play. They should understand the difference between a soliloquy, aside, monologue and how setting and characters are created through language.

Students should the definition of a Shakespearean comedy.

Plot: A good understanding of the basic plot is needed. Please refer to summaries provided in class or to look at *Sparknotes*. Focus on Act 1 -3 of *A Midsummer Night's Dream*.

Verb tenses: Students should be able to identify and explain the effect of the following verb tenses: simple present, present progressive, simple past, past progressive, future, conditional.

MATHS

REVISION TOPICS – (LEVELS 5 – 7) – JUNE

2017

- ADDITION AND MULTIPLICATION OF DECIMALS
- PROBABILITY
- PERCENTAGES
- METRIC UNITS (LITRES, MILLILITRES, KILOGRAMS, GRAMS)
- ANGLES IN TRIANGLES
- EQUATIONS
- SCATTER DIAGRAMS
- CORRELATION
- SEQUENCES
- RATIOS
- REFLECTIONS, ROTATIONS
- ROUNDING UP NUMBERS
- TIME
- AVERAGES, RANGE
- FACTORS, MULTIPLES
- UNITS OF MEASUREMENTS (LENGTH, AREA, VOLUME, MASS)
- BAR CHARTS
- VALUE FOR MONEY
- SUBSTITUTION
- FRACTIONS
- INTERPRET STRAIGHT LINE GRAPHS
- MIDPOINTS
- POWERS OF NUMBERS
- CONGRUENT SHAPES
- AREAS AND PERIMETRES OF QUADRILATERALS INCLUDING RHOMBUS
- SIMULTANEOUS EQUATIONS
- CIRCUMFERENCE OF CIRCLES
- $1000 \text{ cm}^3 = 1 \text{ litre}$
- VOLUME OF CUBOIDS
- NUMBER SEQUENCES – n^{th} TERM
- EQUATION OF A STRAIGHT LINE

REVISION TOPICS – LEVELS (6 – 8) - JUNE 2017

- EQUATIONS
- SCATTER DIAGRAMS
- CORRELATION
- SEQUENCES
- RATIOS
- REFLECTIONS, ROTATIONS
- ROUNDING UP NUMBERS
- TIME
- AVERAGES, RANGE
- FACTORS, MULTIPLES
- UNITS OF MEASUREMENTS (LENGTH, AREA, VOLUME, MASS)
- BAR CHARTS
- VALUE FOR MONEY
- SUBSTITUTION
- FRACTIONS
- INTERPRET STRAIGHT LINE GRAPHS
- MIDPOINTS
- POWERS OF NUMBERS
- CONGRUENT SHAPES
- AREAS AND PERIMETRES OF QUADRILATERALS INCLUDING RHOMBUS
- SIMULTANEOUS EQUATIONS
- CIRCUMFERENCE OF CIRCLES
- $1000 \text{ cm}^3 = 1 \text{ litre}$
- VOLUME OF CUBOIDS
- NUMBER SEQUENCES – n^{th} TERM
- EQUATION OF A STRAIGHT LINE
- PROBABILITY WITH DICE
- SOLVING ALGEBRAIC EQUATIONS WITH FRACTIONS
- CUMULATIVE FREQUENCY
- GRAPHS OF QUADRATIC FUNCTIONS
- SIMILAR TRIANGLES
- EQUATIONS OF STRAIGHT LINES
- SPEED, DISTANCE, TIME
- STANDARD FORM
- TRIGONOMETRY IN RIGHT – ANGLED TRIANGLE
- BOX PLOTS
- SIGNIFICANT FIGURES
- VOLUME, SURFACE AREA OF SPHERE

How to Learn

DO THE FOLLOWING for all topics you need to learn:

1. Choose **ONE TOPIC** to learn at a time.
2. After spending a short time on it – **HAVE A BREAK** – then test yourself.
3. Do this several times, until you are certain you know it.
4. Use **TRICKS** to help you learn – see next pages.



NEVER just read through your books...
it does not work!



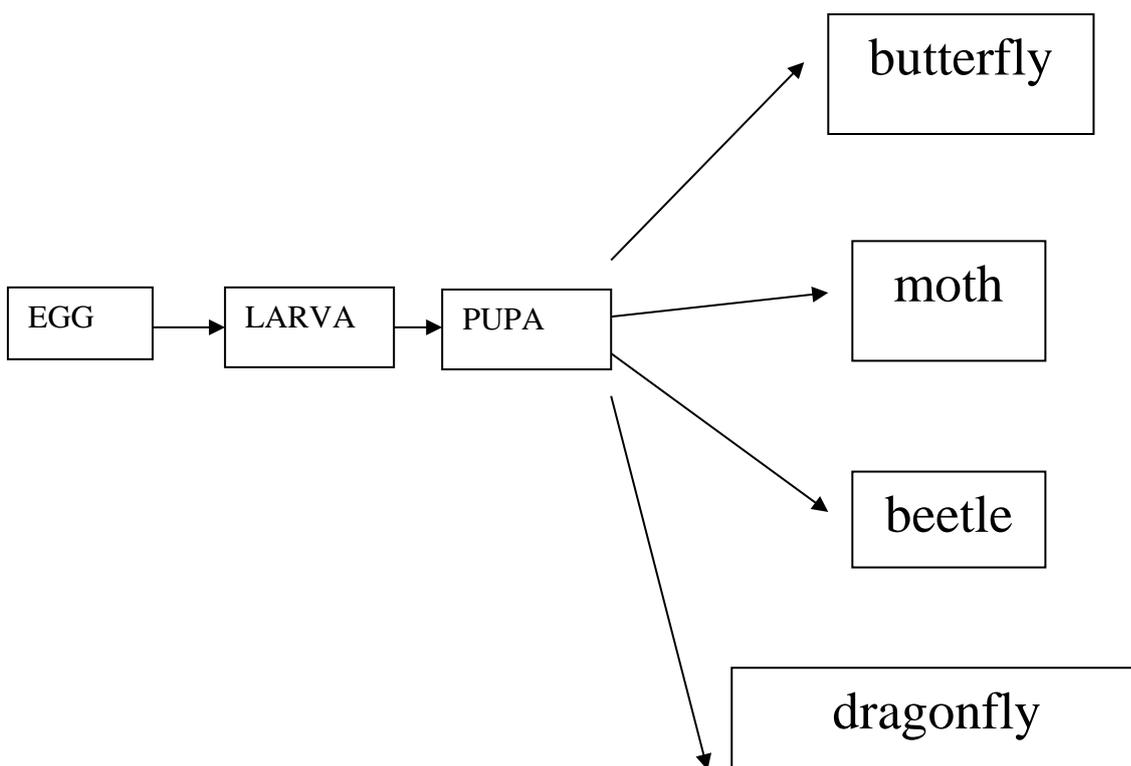
Tricks to Help

- **Always** revise with pen/coloured pencils and coloured paper/post-it notes handy. **DRAW** or **WRITE** what you want to remember.
- Do some **practice questions** – you can ask your teachers for some.
- **Try** using these:

Spider Diagrams



Flow Charts



Mnemonics

Mnemonics (memory aids) are often verbal, something such as a very short poem or a special word used to help a person remember something, particularly lists. Mnemonics rely not only on repetition to remember facts, but also on associations based on the principle that the human mind much more easily remembers insignificant data attached to spatial, personal, or otherwise meaningful information.

To remember the order of the colours in the spectrum:
ROY G. BIV – Red, orange, yellow, green blue, indigo and violet. Or, Richard of York gave battle in vain.

To remember difficult spellings:

Big elephants are ugly...**b**...**e**...**a**...**u**...t...i...f...u...l

To remember the order of the planets from the Sun:
My very excellent mother just sent us nine pizzas.
Mercury, Venus, Earth, Mars, Jupiter, Saturn, Uranus, Neptune, and Pluto.

Do you know any others?

Use the Elevate website which contains video tips as well as written study skills tips:

<http://uk.elevateeducation.com/students>

Username: **elevate**

Password: **pacco**

Examination Rules

Always be silent during the examination.

Listen carefully to instructions.

Have the right equipment with you – pens, pencils, ruler, and calculator.

Read the instructions on the front of the question paper – do exactly as told.

Do not leave your seat. Put your hand up for extra paper or help.

When you are told, stop writing and put your pen down straight away.

Occasionally, you will have 120minute block for a 60minute exam – bring revision materials.

Absolutely no mobile phones.

Be careful not to do anything that might be considered cheating, even accidentally. For example; notes in books, talking in exams to ask someone for a pencil. Always put your hand up and ask the teacher if you have a problem.

Use Your Time Wisely!



THINK BEFORE YOU WRITE

- READ right through the paper before you start, and see what's there. If there's a CHOICE of questions, decide which to do and mark them (lightly in pencil) – NEVER do more questions than you are asked.
- DON'T WASTE TIME – if you are stuck, go on to the next question, and go back at the end if you can.
- Keep an eye on the clock so that you have time to attempt all the questions.



**KEEP
CALM**

AND

GOOD LUCK

FOR YOUR EXAMS!!