April 2019

Dear Parent / Carer

YEAR 9 INTERNAL EXAMINATIONS

As you are aware, the Year 9 internal examinations run from Monday 29 April until Friday 3rd May 2019.

All students have received an assessment timetable which can also be found on school website, as well as on the next page of this booklet. Their subject teachers have ensured they have a clear understanding of what to revise and what equipment is needed for each assessment. It is the student's responsibility to bring in the appropriate equipment for all assessments.

In order to support your child’s revision and preparation during the Easter holiday, all resources and topics for each topic being assessed can be found on www.showmyhomework.co.uk. This booklet also provides a summary of the revision guidance provided by every subject for their assessments. In assemblies and form time, all Year 9 students have been told about the importance of creating a revision timetable to space out their revision as well as the positive impact that retrieving information by testing themselves can have on assessment outcomes.

Students will attend registration as usual at 08:45 and during this time form tutors will support students in preparing for their upcoming assessments and checking they are appropriately equipped. These assessments are an opportunity for students to develop their revision and examination skills at an early stage of Key Stage 4. They also provide a chance to experience the procedures involved with examinations so these are highly familiar to students by the end of Year 11. Finally, they form a very important part of the wider assessment process and will support both students and teachers in understanding to what extent your child’s knowledge and skills have developed so far at Key Stage 4.

I would like to take this opportunity to wish your child every success in the forthcoming assessments and to thank you in advance for your support.

Yours faithfully,

Miss Silla
Year 9 Leader
## Year 9 Internal Assessment Timetable April – May 2019

### Week A

<table>
<thead>
<tr>
<th>Monday 29 April</th>
<th>Tuesday 30 April</th>
<th>Wednesday 1 May</th>
<th>Thursday 2 May</th>
<th>Friday 3 May</th>
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<tbody>
<tr>
<td><strong>P1</strong></td>
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<td>09:05</td>
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<tr>
<td>Catering</td>
<td>Biology</td>
<td>English</td>
<td>Citizenship</td>
<td>Chemistry</td>
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<tr>
<td>Computing* (T74)</td>
<td>50 mins</td>
<td>1 hour 45 mins</td>
<td>Religious Studies</td>
<td>50 mins</td>
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<tr>
<td>Geography</td>
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<tr>
<td>(If you also study history)</td>
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<tr>
<td>Health and Social Care</td>
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<td>Media</td>
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<td>Physical Education</td>
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<tr>
<td>Product Design</td>
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<td><strong>P2</strong></td>
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<td>10:05</td>
<td></td>
<td>Mathematics Paper 1</td>
<td>Mathematics Paper 2</td>
<td>Chemistry</td>
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<tr>
<td>Geography</td>
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<td>(non-calculator)</td>
<td>(calculator)</td>
<td>(p side)</td>
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<tr>
<td>History</td>
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<td>50 mins</td>
<td>50 mins</td>
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<tr>
<td><strong>P3</strong></td>
<td>11:25</td>
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<tr>
<td>11:25</td>
<td></td>
<td></td>
<td></td>
<td>Normal lessons for all students.</td>
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<tr>
<td>Music* (F28)</td>
<td>Spanish &amp; French Reading</td>
<td>Spanish Listening</td>
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<td>50 mins</td>
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<td><strong>P4b</strong></td>
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<tr>
<td><strong>P5</strong></td>
<td>14:05</td>
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<td>14:05</td>
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</tbody>
</table>

- **If you are not in an assessment you are in your regular timetabled lesson.**
- Assessments take place in the **SPORTS HALL** or **ASSEMBLY HALL** except for where stated otherwise in the timetable above. These assessments are marked with an * and the classroom is stated.
- Students should be lined up and ready to enter the assessment by the time shown in **italics and underlined** by each assessment title. **Students must attend morning registration** and if you have an assessment during period 1 then your form tutor will escort you down to line up according to the seating plan in silence. **Students must be on time for all assessments.**
- During period 1 and 2 you will remain seated and be given the next paper to start immediately – **it is vital you get to the toilet beforehand.**
- **Students must wear full school uniform and bring with them all required equipment,** including **calculators** where required. Where assessments require written answers the ink colour must be black. **Pencil cases must be see-through.** Bottles of water are allowed in the assessment but must have the label removed, be in a transparent bottle and contain only water. You must leave your calculator cover in your bag, along with your mobile phone which must be **SWITCHED OFF.**
- Revision resources and strategies for all assessments have been shared with students throughout the lead up to these assessments within lessons as well as on **SMHW. Please refer to SMHW for further guidance.**
**Mathematics**: Please use your exercise books, vle.mathswatch.co.uk & www.mymaths.co.uk to help with revision. You could be assessed on any topics covered since September.

Topics to revise for higher (sets 1 – 3):

Prime factors, LCM, HCF, standard form, Laws of indices, expanding brackets, factorising including quadratics, Pythagoras' Theorem, Fractions (four rules), algebraic fractions, Area and perimeter including circles, arc lengths and area of sectors, questionnaires, two-way tables, recurring decimals, compound and simple interest, reverse percentages, percentage increase/decrease, solving linear equations including brackets and unknowns on both sides, angles - in polygons, parallel lines etc.

Topics to revise for foundation (sets 4 – 6):

Negative numbers, factors, multiples, square and cube numbers, prime factors, LCM, HCF, standard form, coordinates in all four quadrants, finding the midpoint of a line, laws of indices, expanding brackets, factorising, collecting like terms, scale drawings, finding missing lengths of similar shapes, reading timetables, two-way tables, frequency tables, types of data, questionnaires, comparing and ordering fractions, fractions of amounts, four rules and fractions, forming and solving equations including brackets and unknowns, reflection, rotation, translation and enlargement.

**English**: Please refer to the language booklet uploaded to SMHW.

To prepare you need to go through the booklet on SMHW and understand how to respond to each question. The booklet includes practice papers at the back and is organised into sections which focus on each question on your assessment. Complete the practice questions under timed condition to replicate the assessments. Your English teacher will be happy to give you feedback on any responses you complete.

**Science**: Topics that will be assessed are all from Year 9 teaching only.

- **Paper 1 - Biology**
  - Topic 1 – Concepts of Biology (Cells, Microscopes, Enzymes, Energy in food, Diffusion, Osmosis and Active transport)
  - Topic 2 – Cells and Control (Mitosis, Cancer, Growth in animals and plants, Stem cells, Brain, Nervous system and Eye)

- **Paper 2 - Chemistry**
  - Topic 1 – Concepts of Chemistry (Atomic structure, Periodic Table, Ionic Bonding, Covalent Bonding, Types of Substances and Calculating involving Masses)
  - Topic 2 – States of Matter and Mixtures (Solids, liquids, Gases, Changing states, Melting point, Filtration, Crystallisation, Chromatography and Water purification)

- **Paper 3 - Physics**
  - Topic 1 – Concepts of Physics (Arithmetic, Algebra, handling data and Graphs)
  - Topic 2 – Motion and Forces (vectors, Scalars, Acceleration, Resultant force, Newton's laws, Centripetal force (Higher only), Momentum (Higher only), and Stopping distance)
  - Topic 3 – Conservation of Energy (Energy stores and transfers, Energy efficiency, keeping warm and stored energies)

You must make good use of traditional approaches to revision, including notes from class and the use of practice papers; but take full advantage of the wide range of revision resources now available.
Here are a few of the science department’s favourite online revision resources:

**S-cool** – This website includes overviews, exam style questions, multiple choice questions and revision summaries on a range of GCSE science topics.
http://www.s-cool.co.uk/

**GCSE Bitesize** - A good revision aid with subject overviews and interactive activities
http://www.bbc.co.uk/schools/gcsebitesize/science/edexcel/

**Khan Academy** - With over 3,100 videos all aspects of Science GCSEs
https://www.khanacademy.org/science

**YouTube** - How about curating your own revision video playlist for you.
https://www.youtube.com/user/myGCSEscience

**TES Games** - A collection of the most popular revision games and activities on TES
https://www.tes.com/teaching-resources/gcse-exam-revision [Make sure you use all the free resources!]

**TES - Socrative Science** - A collection of interactive quizzes for students revising
https://www.tes.com/articles/socrative-science-gcse-quizzes [You need to create an account, but it's free!]

**GCSE Exam Revision (lots of subjects)**
https://studywise.co.uk/gcse-revision/ [Make sure you select Edexcel]

**Exam Papers**
http://www.savemyexams.co.uk/gcse-biology-edexcel.html [Lots of exam papers here]

**Citizenship:** All lessons have been shared on SMHW to support revision of all topics covered so far in the GCSE course. The assessment will be on Theme A: Living together in the UK. You must revise the following topics:

- Community
- Identity
- Community cohesion
- Migration
- Discrimination
- Human rights
- Rights in the workplace
- Consumer rights
- Local councils

The paper will be 1 hour long and will have a range of questions including multiple choice, source based, 6, 12 and 15 mark questions. Make sure you are also revising the key terms theme A.

**Religious Studies:** Students will be assessed on the following topics:

1) Religion, relationships and families 2) Christianity: Beliefs and teachings

A full list of subtopics can be found both in your books (on the inside cover), as well as on Show My Homework. There is also a link to the AQA website where you will find sample questions. Our specification is AQA A.

For each of the two topics, you will answer a: 1 mark question; 2 mark question, 4 mark question, 5 mark question and 12 mark question. For examples, look at both of the assessments we have done this year so far.

**1 mark questions:** multiple choice

**2 mark questions:** require two examples of beliefs (a sentence each)

**4 mark questions:** require two beliefs in detail (for example, saying how these beliefs influence believers or change their behaviour)

**5 mark questions:** require two beliefs in detail, with a quotation from a holy book

**12 mark questions:** require you to evaluate a statement, giving arguments for and against it (including religious views and quotations), and reaching a justified conclusion.
**History:** Please refer to the booklet on SMHW which includes both practice questions and guidance on the structure of your responses. Students will be assessed on the following topics and time periods:

### Topics:
- Ideas about cause, treatment & prevention through time
- Surgery
- Hospitals
- Individuals
- Case Studies
- What factors promoted change / no change?
- WW1 – trenches, medicine, treatment and surgery

### The following time periods:
- Medieval Medicine
- Renaissance Medicine
- 18th & 19th Centuries
- 20th Century - Present Day

**Geography:** Follow the steps enumerated below, all of the resources cited are on SMHW:

1. Print the Personal Learning Checklist sheet
2. Identify your targets
3. Revise using your exercise book and revision book for Weather and Climate
4. Revise using the PowerPoints attached for Development

**French & Spanish:** Revision can be supported using various resources, including exercise books and [www.linguascope.com](http://www.linguascope.com) (Username: Brentside Password: london2017). Students will be assessed on the following topics & skills:

- Free time activities
- Work
- Healthy lifestyles
- Birthdays/Celebrations/Going out
- Modes of transport
- Verbs in at least 3 tenses (present, past, future)
- Opinions and reasons
- Time phrases

**Music:** Students will be assessed on the following topics:

- Elements of Music
- Theory
- Musicals
- Pop Music
- Film Music
- Instruments of the Orchestra

There will be a mixture of listening questions (requiring multiple choice, short and longer answers) and theory questions. Resources will be available on Show My Homework for students to access as part of their revision.

**Media Studies:** The assessment will be on *Dr. Strange* and *I, Daniel Blake*. Read and work through the workbooks on SMHW and make sure you can answer all of the questions.


Physical Education: Students will be assessed on the following topics:

- Psychology: Feedback; Guidance; Inverted U Theory; Arousal; Aggression; Personality types
- Keywords and definitions
- Components of fitness (in relation to sporting examples)
- Emotional, social and physical health
- NHS guidelines
- Smoking, alcohol and drugs
- Work, rest, sleep balance
- BMI
- The eat-well plate
- Optimum weight

Computer Science: Students will be assessed on the following topics:

- Binary
- Binary conversion
- Denary conversion

And must be able to display the following coding skills:

- Sequencing
- Selection
- Iteration (both for and while loops)
- Variables
- Constants
- Data types

Useful websites
http://www.learncomputing.org/algorithms.php
https://www.bbc.com/bitesize/topics/zd2xsbk
https://www.repl.it

Creative iMedia: Students must review the following practical and written skills for the assessment:

Practical skills

- Selection tool options
- Magic wand
- Rubber stamp tool
- Lasso and Polygon
- Lasso tools
- Marquee tool
- Colour adjustment/filter
- Image rotation
- Image resizing
- Crop
- Eraser
- Smudge tool
- Scale/distort and skew tool
- Marquee tool
- Text tool
- Pencil tool

Written skills
- Target audience
- Genre
- Use of image(s)
- Central Image
- Layout and positioning
- White space
- Masthead
- Colour
- Gender
- Tag lines
- Incentives
- Mode of address
- Sell line
- Bar code
**Health and Social Care:** Students will be assessed on **Unit 1 (Human lifespan development).** The paper will consist of multiple choice questions, short answer questions, and questions about a case study which are worth 2 marks, 4 marks, 6 marks and 10 marks.

Students need to know the **different life stages**, including: infancy, childhood, adolescence, early adulthood, middle adulthood and late adulthood. Students must also be able to identify the different life stages and their age spans from a case study.

Students must also be able to recall the **different ways that individuals grow and develop.** This includes being able to read from case studies how different factors can affect PIES (Physical, intellectual, emotional and social development) both positively and negatively. These factors include: economic (income and wealth); lifestyle (smoking and drinking); physical (genetic disorders); psychological (self-esteem); cultural factors (community and religion).

Students must also know how different life events, both predictable and unpredictable, affect development.

**Food and Nutrition:** The majority of the paper will cover **Food Safety and Hygiene** as this topic has been covered in depth, specifically:

- Food spoilage (chemical, microbiological, physical)
- Microorganisms involved in food spoilage (moulds, yeasts, bacteria, viruses)
- Food poisoning – causes & prevention
- Allergies and intolerances – contamination
- Critical temperatures (freezing, chilling, temperature meat should reach to ensure cooking, Danger Zone)
- Food poisoning – pathogens (names, incubation periods, symptoms, common food they are found in, prevention)
- High risk foods

You will also be assessed on your understanding of:

- The eat-well guide – the various food groups and why they are required
- A balanced diet
- Vegetarians / Vegans/ Vegetable proteins

Refer to the PowerPoints shared on SMHW and use the notes / worksheets in your books to help you revise.

**Product Design:** Students will be assessed on the following topics:

- Technical Drawing – Orthographic drawing, Isometric Drawing
- Categories of materials – wood
- Knowledge of the properties and characteristics of materials - wood
- Shaping / Forming materials – Joining methods
- Material preparation
- Tools & Equipment
- Tolerances, quality control
- CAD
- QC (Quality control) and QA (Quality assurance)
- Mechanisms – Levers

**Useful resources for revision:**
- [http://www.technologystudent.com](http://www.technologystudent.com)
- [https://revisionworld.com/gcse-revision/design-technology/materials-components/timber](https://revisionworld.com/gcse-revision/design-technology/materials-components/timber)
- AQA GCSE (9-1) Design and Technology M. J. Ross
- GCSE Design & Technology Product Design AQA Revision Guide by CGP Books Paperback