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**Headteacher:** Mr Paul Haigh

**Chair of Governors:** Ms Karen Milbourn

Date: 11 May 2021

Our ref: NJ/HW

### Summer 2021 Assessments

Dear Students and Families,

This document sets out the content for all **GCSE** courses that will be used to assess students for this summer's **Teacher Assessed Grades**. It is compiled in alphabetical order (although for simplicity the science courses are collected under the headings of Combined or Separate Sciences) to help you find the information you require.

In addition, we have included information about what will be assessed in the upcoming Y11 assessment window. Students have already been given this information and have been working towards these end points for the past few weeks. Please note that BTEC qualifications are not included in this document as their system of assessment is different and based on the units completed during the course.

Students who were absent for assessments completed previously that will be included in this summer's grades should not be concerned as teachers will be able to discount those pieces of assessment – they will not have their grades reduced.

In the tables of evidence you may see certain terms used and I would like to clarify those terms below:

**Class exam conditions** are examination conditions in a normal class setting. In some cases, students entitled to access arrangements will not have had these in place during these assessments. Where this is the case, teachers will make a reasonable adjustment when considering this evidence.

**Remote assessment** was an assessment set and submitted during remote learning, for example an examination completed on Microsoft Teams during a live lesson.

**Full exam conditions** is an indication that all access arrangements were put in place for students. These examinations are generally held in normal examination venues such as the Main Hall or Sports Hall.

In the vast majority of cases, assessments are marked using published mark schemes or following guidance provided by examination boards. Full exam condition work is generally moderated by other teachers and grade boundaries applied using published grade boundaries. For results in 2021, schools will be applying a degree of professional judgement when applying grade boundaries and using guidance from JCQ (the qualifications authority) to form an accurate judgement about the standard of work produced.



The key for students is to understand that **they must provide the evidence** in these assessments that they are working at particular grades; this will enable teachers to use that as part of their judgement. It may not be the case that performing once at a specific grade means that will be the grade awarded – it will be a ‘holistic judgement’ made by the teacher. This does not mean an average, more an overall judgement that takes into account the various pieces of evidence the teacher has. It is also likely that more recent assessments are a better indication of a student’s performance, which is why it is so important that Y11 students apply themselves to the best of their ability over the last two weeks of this term.

Where students feel that specific circumstances related to a specific assessment have unfairly disadvantaged them or affected their performance (e.g. they were absent for an assessment, or suffered a bereavement around the time of the assessment), they should inform their teachers in case they are unaware of this.

Yours faithfully,



Mr Jones  
Deputy Headteacher

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### **Final Y11 Assessment Window**

These assessments begin on Monday 17th May 2021 and run until Thursday 27th May 2021. During this time, students are on study leave to allow them to concentrate on revising and preparing for these important assessments.

All students and families should have already received their examination timetables.

To make the process of assessment simpler and to avoid increasing stress, we have decided to keep all conditions (including seating arrangements) exactly the same as the previous set of mock exams before Easter. This will mean that students do not have to worry about familiarising themselves with new seats or rooms.

On the morning of Friday 28th May there will be a Y11 Celebration Assembly, held in the Sports Hall. We will confirm the time with students nearer the date. Students will leave school immediately after the conclusion of this assembly. There will be an opportunity for signing of shirts during this assembly.

Finally, a reminder that those students who have ordered a hoodie via the school are allowed to wear it at any time during the final weeks of their time in Y11.

**Please read on for subject information.**

## **Art, Craft and Design**

Here is a summary of the evidence your teachers will use to help them submit your Teacher Assessed Grade to the exam board.

Some pieces of evidence will naturally carry more weight than others.

Assessment	Date of Assessment	Conditions	Content of Assessment
Component 1: Portfolio	Continuous from Sept 2019	<ul style="list-style-type: none"><li>• Classwork</li><li>• Homework</li><li>• Mock exam</li></ul>	<ul style="list-style-type: none"><li>• Art, Craft and Design assessment objectives 1, 2, 3 and 4</li></ul>

In addition, teachers will use their grade collection data from the course. These grades take into account:

- Substantial work completed in class, including work completed during lockdown if relevant.
- Performance in homework tasks
- Assessment tasks completed prior to the date of the grade collector.
- Mock exams taken prior to the date of the grade collector.



## **Business Studies**

Here is a summary of the evidence your teacher will use to help them submit your Teacher Assessed Grade to the exam board.

Some pieces of evidence will naturally carry more weight than others.

<b>Assessment</b>	<b>Date of assessment</b>	<b>Conditions</b>	<b>Content of assessment</b>
1.2 end of unit assessment	October 2019	Class exam conditions	MCQs/short answer exam questions
1.3 end of unit assessment	November 2019	Class exam conditions	MCQs/calculations/short answer exam questions/case study questions
2.1 end of unit assessment	October 2020	Class exam conditions	MCQs/calculations/case study essay
2.2 end of unit assessment	November 2020	Class exam conditions	MCQs/case study questions
Paper 1 mock exam	March 2021	Full exam conditions	Full P1
Paper 2 mock exam	May 2021	Full exam conditions	Sections A & B of P2

In addition, your teacher will use their grade collection data from the course. These grades take into account:

- Substantial work completed in class, including work completed during lockdown if relevant
- Performance in homework tasks
- Assessment tasks completed prior to the date of the grade collector
- Mock exams taken prior to the date of the grade collector

For the forthcoming assessment, students can prepare by revising the following topics/units:

### **2.1 Growing The Business**

- Sources of finance
- Ethics, the environment and business
- Changing business objectives
- Different way of growing a business

### **2.2 Marketing**

- The marketing mix

### **2.3 Making Operational Decisions**

- Different production methods
- Role of procurement

### **2.4 Making Financial Decisions**

- Average rate of return
- Gross profit
- Net profit
- Gross profit margin
- Net profit margin

### **2.5 Making Human Resource Decisions**

- Organisational structures
- Different ways of working

## Combined Science

Here is a summary of the evidence you teachers will use to help them submit your Teacher Assessed Grade to the exam board.

Some of the evidence will naturally carry more weight than others.

Assessment	Date of assessment	Conditions	Content of assessment
Grade Collector	October 2020  ALREADY COMPLETED		All substantial classwork and homework; formal timed end of topic assessments.
Paper 2 biology	March 2021	Full exam conditions in the hall.	Topic 1 – Key concepts in biology, Topic 6 – Plant structures and their functions, Topic 7 – Animal coordination, control and homeostasis, Topic 8 – Exchange and transport in animals, Topic 9 – Ecosystems and material cycles (except sampling techniques).
Paper 1 Chemistry	March 2021	Full exam conditions in the hall.	Topic 1 – Key concepts in chemistry, Topic 2 – States of matter and mixtures, Topic 3 – Chemical changes, Topic 4 – Extracting metals and equilibria
Paper 1 Physics	March 2021	Full exam conditions in the hall.	Topic 1 – Key concepts of physics, Topic 2 – Motion and forces, Topic 3 – Conservation of energy, Topic 4 – Waves, Topic 5 – Light and the electromagnetic spectrum, Topic 6 – Radioactivity
Grade Collector	March 2021  ALREADY COMPLETED		All substantial classwork, work completed during lockdown if relevant and formal timed end of topic assessments completed before lockdown.
Grade Collector	April 2021		All substantial classwork, assessments and mock examination.
Combined paper 1	May 2021	Full exam conditions in the hall.	<b>Biology</b> Topic 1 – Key concepts in biology, Topic 2 – Cells and control, Topic 3 – Genetics Topic 5 – Health, disease and the development of medicines
Combined paper 2	May 2021	Full exam conditions in the hall.	<b>Chemistry</b> Topic 1 – Key concepts in chemistry, Topic 6 – Groups in the periodic table, Topic 7 – Rates of reaction and energy changes, Topic 8 – Fuels and Earth science (except nano-particles)  <b>Physics</b> Topic 1 – Key concepts of physics, Topic 8 – Energy - Forces doing work, Topic 9 – Forces and their effects, Topic 10 – Electricity and circuits, Topic 12 – Magnetism and the motor effect, Topic 13 – Electromagnetic induction, Topic 14 – Particle model



Formal timed in class assessments:

<b>Biology</b>	<b>Chemistry</b>	<b>Physics</b>
<ul style="list-style-type: none"> <li>• Topic 1 - key concepts in biology</li> <li>• Topic 7 - Animal co-ordination, control and Homeostasis</li> <li>• Topic 9 (MCQ) - Ecosystems and Material Cycles (except sampling techniques).</li> </ul>	<ul style="list-style-type: none"> <li>• Rates of reactions and Calculations involving masses</li> <li>• Bonding</li> <li>• Metals</li> </ul>	<ul style="list-style-type: none"> <li>• Topic 3 – Conservation of energy</li> <li>• Topics 8 and 9 – Forces doing work and Forces &amp; their effects</li> </ul>

For the forthcoming assessment, students can prepare by revising the following topics/units:

### Biology

<b>Topic</b>	<b>Page numbers in the H revision guide</b>	<b>Page numbers in the F revision guide</b>
Working Scientifically	1-10	1-10
Key Concepts in Biology	11-19	11-19
Cells and Control	20-25	20-25
Genetics	26-31	26-31
Health, disease and the development of medicines	39-46	39-46

### Chemistry

<b>Topic</b>	<b>Page numbers in the H revision guide</b>	<b>Page numbers in the F revision guide</b>
Working Scientifically	1-10	1-10
Key concepts in Chemistry	75-96	75-95
Groups in the Periodic Table	123-127	121-126
Rates of Reaction and Energy Changes	12-136	127-135
Fuels and Earth Science	137-144	136-144
Practical Skills	208-212	208-212

## Physics

Topic	Page numbers in the H revision guide	Page numbers in the F revision guide
Working Scientifically	1-10	1-10
Key concepts in Physics	Examples of use found throughout all modules. <ul style="list-style-type: none"> <li>Recall and use SI unit for physical quantities.</li> <li>Recall and use multiples and sub-multiples of units, including giga (G), mega (M), kilo (k), centi (c), milli (m), micro (<math>\mu</math>) and nano (n)</li> <li>Be able to convert between different units, including hours to seconds.</li> </ul> Use significant figures and standard form where appropriate.	
Forces and Energy	179-183	181-183
Electricity and Circuits	184-194	184-195
Magnetic Fields	195-199	196-198
Matter	200-207	199-207
Practical Skills	208-212	208-212

The following websites will be of use when revising:

- King Egbert School Moodle – GCSE Biology, Chemistry and Physics courses: <https://learnkes.ecgbert.sheffield.sch.uk/login/index.php>
- Physics and Maths tutor for past exam questions (select Edexcel GCSE): <https://www.physicsandmathstutor.com/>
- Links to you tube videos of all core practicals produced by the exam board can be found here: <https://qualifications.pearson.com/content/dam/pdf/GCSE/Science/2016/teaching-and-learning-materials/GCSE%20Science%20video%20links%20sheet.pdf>
- GCSE BBC bitesize pages (select Edexcel GCSE): <https://www.bbc.co.uk/bitesize/levels/z98jmp3>



## **Computer Science**

Assessment	Date of Assessment	Conditions	Content of Assessment
Grade Collector This covers, classwork, end of Topic assessments, and homework	October 2020 ALREADY COMPLETED	N/A	All substantial classwork and homework; along with mini assessments through Y10
Grade Collector	March 2021 ALREADY COMPLETED	N/A	All substantial classwork and mini assessment
Computer Systems paper 1 1 hour 30	30 <sup>th</sup> March 2021	Full exam conditions	All content from face to face Teaching only.  September 2019/March 2020 Sept 2020 to Dec 2020 – See Topics below
Computational thinking and algorithms paper 2 1 hour 30	22 <sup>nd</sup> March 2021 ALREADY COMPLETED	Full Exam Conditions	All content from face to face Teaching only.  September 2019/March 2020 Sept 2020 to Dec 2020 – see Topic below
Grade Collector	April 2021	N/A	All substantial classwork, assessment and mock examination.
Mini Assessment 45 min	May 2021	Full Exam Conditions	See topics below
Mini Assessment 45 min	May 2021	Full exam conditions	See topics below

### **Topic areas Unit 1**

- 1.2 Memory
- 1.3 Storage
- 1.4 Wired and Wireless networks
- 1.5 Network Topologies
- 1.7 Systems software

### **Topic Areas unit 2**

- 2.1 Algorithms
- 2.2 Programming techniques
- 2.4 computational logic
- 2.6 data representation

Assessed Grade to the exam board.

Some pieces of evidence will naturally carry more weight than others.

In addition, teachers will use their grade collection data from the course. These grades take into account: -

- Substantial work completed in class, including work completed during lockdown if relevant
- Performance in homework tasks
- Assessment tasks completed prior to the date of the grade collector
- Mock exams taken prior to the date of the grade collector

## Design and Technology (DT)

Here is a summary of the evidence your teachers will use to help them submit your Teacher Assessed Grade to the exam board.

Some pieces of evidence will naturally carry more weight than others.

Assessment	Date of Assessment	Conditions	Content of Assessment
NEA	June 2020-May	Classroom and remote learning	NEA Sections 1-5.
Mock Exam	March 2021	Mock Exam	Core and in-depth knowledge, polymers.
NEA Evaluation	May 2021	Classroom Exam Conditions	NEA Section 5

In addition, teachers will use their grade collection data from the course. These grades take into account:

- Substantial work completed in class, including work completed during lockdown if relevant
- Performance in homework tasks
- Assessment tasks completed prior to the date of the grade collector

For the forthcoming assessment, students can prepare by revising the following topics/units:

- Completing NEA using the guidance

The following websites may be of use when completing NEA:

- **Teams assignments from lockdown**
- **Video channel in Streams**
- **Feedback from your teacher**

## Designing the Built Environment

Here is a summary of the evidence your teachers will use to help them submit your Teacher Assessed Grade to the exam board.

Some pieces of evidence will naturally carry more weight than others.

Assessment	Date of Assessment	Conditions	Content of Assessment
Unit 1: Planning the Potential of Construction projects	CAG 2020 ALREADY COMPLETED	Class exam conditions	Case Study on a planning application
Unit 2: Drawing Construction plans	Sep 2020 ALREADY COMPLETED	Class conditions	Designs and drawings for a new Scout Hut in Totley
Unit 3: Building Structures and Materials	Summer Term	Class exam conditions	4 part assessment on materials, structures and sustainability.

In addition, teachers will use their grade collection data from the course. These grades take into account:

- Substantial work completed in class, including work completed during lockdown if relevant



- Performance in homework tasks
- Assessment tasks completed prior to the date of the grade collector

For the forthcoming assessment, students can prepare by revising the following topics/units:

- **LO1: Understand the Structures of Buildings**
- **LO2: Understand how properties of materials affect their use in buildings**
- **LO3: Understand how buildings can be sustainable**

The following websites may be of use when revising:

- **Teams assignments from lockdown**
- **Video channel in Streams**

## English Language

This course is being assessed through a combination of examination, timed answers and ongoing teacher assessment of substantial classwork and homework.

There were no changes to this course at the start of Y11 and all the content of the course has been taught during Y11.

Assessment	Date of Assessment	Conditions	Content of Assessment
Paper 2 Section B Question	Oct 2020 ALREADY COMPLETED	Class exam conditions	Writing to argue/discuss
Paper 2 Section A Questions	Oct 2020 ALREADY COMPLETED	Class exam conditions	Inference from summarising two texts, language analysis of one text, comparison
Grade Collector	October 2020 ALREADY COMPLETED		All substantial classwork and homework; formal timed assessment.
Paper 1 Section A Questions	February 2021 ALREADY COMPLETED	Remote assessment	Timed questions based on taught content from Paper 1 Section A
Grade Collector	March 2021 ALREADY COMPLETED		All substantial classwork and remote assessment.
English Language Paper 2	22 <sup>nd</sup> March 2021 ALREADY COMPLETED	Full Exam Conditions	COMPLETE P2 EXAM
Grade Collector	April 2021		All substantial classwork, assessment and mock examination.
English Language Paper 1	May 2021	Full Exam Conditions	COMPLETE P1 EXAM

The Paper 1 exam consists of both reading and writing assessments:

- Reading a short extract from a novel or short story
- Answering questions about language and structure
- Evaluating a student's statement
- Writing to narrate or describe



## English Literature

This course is being assessed through a combination of examination, timed answers and ongoing teacher assessment of substantial classwork and homework.

The content of this course was altered at the start of Y11, with the removal of the poetry anthology question. We will also be unable to assess An Inspector Calls as no substantial teaching time in Y11 was possible and therefore we should not be assessing our students in this area as a whole; individual teachers with answers to An Inspector Calls questions will have included them in their Grade Collector judgements.

Assessment	Date of Assessment	Conditions	Content of Assessment
Macbeth timed response	October 2020	Class exam conditions	Macbeth exam question and response
Grade Collector	October 2020 ALREADY COMPLETED		All substantial classwork and homework; formal timed assessment.
Unseen poetry response	November 2020	Class exam conditions	Exam question and response
Prose exam response	December 2020	Class exam conditions	Exam question and response
Grade Collector	March 2021 ALREADY COMPLETED		All substantial classwork and remote assessment.
English Literature Paper 1 (Macbeth)	March 2021 ALREADY COMPLETED	Full Exam Conditions	Timed Macbeth exam questions
English Literature Paper 1 (Unseen Poetry)	March 2021 ALREADY COMPLETED	Full Exam Conditions	2 timed poetry exam questions
Grade Collector	April 2021		All substantial classwork, assessment and mock examination.
English Literature Paper 2 (Jekyll & Hyde/A Christmas Carol)	May 2021	Full Exam Conditions	Timed prose text exam answer

The forthcoming assessment on the novel will be on one topic, which students have already been informed about.

The assessment will be in the usual format, with one essay questions based on an extract related to their chosen text.

## **Food Preparation and Nutrition**

Here is a summary of the evidence your teachers will use to help them submit your Teacher Assessed Grade to the exam board.

Some pieces of evidence will naturally carry more weight than others.

Assessment	Date of Assessment	Conditions	Content of Assessment
NEA 2	June 2020-May	Classroom	Sections
Mock Exam	March 2021	Exam Conditions with special consideration	Core and in-depth knowledge.
Food Presentation Techniques	May 2021	Classroom Exam Conditions	Practical skills assessment

In addition, teachers will use their grade collection data from the course. These grades take into account:

- Substantial work completed in class, including work completed during lockdown if relevant
- Performance in homework tasks
- Assessment tasks completed prior to the date of the grade collector

For the forthcoming assessment, students can prepare by revising the following topics/units:

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The following websites may be of use when completing NEA:

- **Teams assignments from lockdown**
- **Video channel in Streams**
- **Feedback from your teacher**



## Geography

This course is being assessed through a combination of examination, timed answers and ongoing teacher assessment of substantial classwork and homework.

All of the content of the course has been taught with the exception of the Resource Management unit from paper 2.

Assessment	Date of Assessment	Conditions	Content of Assessment
Paper 1 Full paper	March 2021 ALREADY COMPLETED	Full Exam Conditions.	All three sections
Paper 2 Section A & B	March 2021 ALREADY COMPLETED	Full Exam Conditions.	Sections A and B
Grade Collector	October 2020 ALREADY COMPLETED	N/A	All substantial classwork and homework; formal timed end of unit assessments.
Grade Collector	April 2021	N/A	All substantial classwork, assessment and mock examination.
Paper 1 Sections A and C	May 2021	Full Exam Conditions.	Sections A and C
Paper 2 Section A & B	May 2021	Full Exam Conditions.	Sections A and B
End of unit assessments	October 2019 to January 2021	In classrooms in exam conditions.	Individual end of unit assessments: <ul style="list-style-type: none"><li>- Natural Hazards</li><li>- Living World</li><li>- Rivers</li><li>- Changing Economic World</li><li>- Urban Issues</li></ul>

## History

Here is a summary of the evidence your teachers will use to help them submit your Teacher Assessed Grade to the exam board.

Some pieces of evidence will naturally carry more weight than others.

Assessment	Date of Assessment	Conditions	Content of Assessment
History Paper 1	March 2021	Full Exam Conditions	Full P1 past paper
History Paper 3	March 2021	Full Exam Conditions	First half of this paper, covering all the skills and question types taught.
History Paper 2	May 2021	Full Exam Conditions	Full P2 past paper

In addition, teachers will use their grade collection data from the course. These grades take into account:

- Substantial work completed in class, including work completed during lockdown if relevant
- Performance in homework tasks
- Assessment tasks completed prior to the date of the grade collector

For the forthcoming assessment, students can prepare by revising the following topics/units:

- Early Elizabethan England 1558-1588

Students can use their revision guide to revise this unit. They can practice answering 12 and 16 mark questions, students have been sent home with a list of questions which can be used to practice their exam skills.

The following websites may be of use when revising:

<https://www.bbc.co.uk/bitesize/topics/z29rbk7>



## Maths

Here is a summary of the evidence your teachers will use to help them submit your Teacher Assessed Grade to the exam board.

Some pieces of evidence will naturally carry more weight than others.

Assessment	Date of Assessment	Conditions	Content of Assessment
Y10 Term 1 Assessment Non Calculator	November 2019  ALREADY COMPLETED	Class exam conditions	Content covered up to that point in the GCSE specification. GCSE style exam questions used.
Y10 Term 1 Assessment Calculator	November 2019  ALREADY COMPLETED	Class exam conditions	Content covered up to that point in the GCSE specification. GCSE style exam questions used.
GCSE Maths Paper 1	March 2021	Full Exam conditions	Autumn 2020 exam series with use of official mark schemes
GCSE Maths Paper 2	March 2021		
GCSE Maths Paper 3	March 2021		
Exam board Assessment materials 1	May 2021	Full Exam Conditions	Exam board assessment materials
Exam board Assessment materials 2	May 2021		

In addition, teachers will use their grade collection data from the course. These grades take into account:

- Substantial work completed in class, including work completed during lockdown if relevant
- Performance in homework tasks and Hegarty Maths Tasks
- Assessment tasks completed prior to the date of the grade collector
- Mock exams taken prior to the date of the grade collector

Hegarty Maths is a great website to use for revision.

For the forthcoming assessment, students can prepare by revising the topics/units on the following pages

(They are slightly different for different groups to reflect the different content covered)

# Higher

11Ma1 & 11Ma2 (IY,AB & KC,JH)	11Ma3 & 11Ma4 (PN & KN)
Algebraic Fractions	Algebraic Fractions
Bounds	Column vector addition/subtraction
Circle Theorems	Combinations
Column vector addition/subtraction	Density
Combinations	Drawing Graphs
Density	Enlargements
Distance – time graphs (use of)	Error intervals
Drawing Graphs	Estimation
Enlargements	Expanding brackets
Estimation	Frequency polygons
Expanding brackets	Function notation
Frequency Polygons	HCF LCM
Function Notation	Nth term of sequences (linear and quadratic)
HCF LCM	Percentages (including profit)
Iteration	Probability (inc tree diagrams)
Nth term of sequences	Properties of angles in parallel lines
Percentages (including profit)	Proportionality
Probability (in. Tree diagrams)	Rearranging formulae
Proportionality	Recurring decimals
Rearranging formulae	Rounding
Recurring decimals	Scatter Graphs
Rounding	Sharing and working with ratios
Scatter Graphs	Similar shapes/solids
Sharing and working with ratios	Simplifying terms (including division)
Similar Shapes/ solids	Simultaneous equations
Simplifying terms (including division)	Solving Equations
Solving Equations	Solving inequalities
Solving inequalities	Standard form



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Standard form
Surds
Trigonometry (right-angled and non-right angled)
Using a calculator
Venn diagrams
Working with indices, including fractional and negative indices

Surds
Trigonometry (both right-angled and non-right angled)
Using a calculator
Venn diagrams
Working with indices, including fractional and negative indices

<b>Foundation</b>	
<b>11Ma5, 11Ma6 and 11Ma7 (PJ, JRO and CSU)</b>	<b>11Ma8 (PAB)</b>
3D shapes properties	3D Shapes, including Volume
Angle problems with reasons	Angle Properties
Area	Area
Averages and range, including from frequency tables	Bar Charts
Bar chart	Brackets (with algebra)
Circumference of a circle	Collecting like terms
Column vector	Column vector addition
Error intervals	Equivalent Fractions
Estimation	Error Interval
Exchange rates	Exchange Rates
Factorising and expanding expressions	Fraction arithmetic
Fraction arithmetic	Fractions
Fractions decimals percentages with and without a calculator	Fractions and Percentages
Inequalities	Frequency Tree
Lowest common multiple	HCF/LCM
Metric units	Inequalities
Multiplying without a calculator	Listing outcomes
Number machine	Metric Units
Order of operations	Money
Pictograms	Multiplication

Probability including tree diagrams
Proportion
Pythagoras
Ratio
Rearranging formula
Rounding
Scatter graphs
Simplifying expressions
Solving equations
Speed
Squares cubes and roots
Standard form
Stem and leaf
Straight line graphs
Transformations
Using a calculator
Volume of prisms

Negative Numbers
Number Machines
Order of Operations
Percentages
Percentages (including profit)
Pictograms
Powers and Roots
Probability
Properties of angles in parallel lines
Properties of Numbers
Proportion
Ratio
Rearranging Formulae
Recipe problem
Rounding
Scatter Diagrams
Solving equations
Speed, distance and time
Standard Form
Stem and Leaf diagrams
Straight line graphs
Transformations
Using a calculator
Using a Frequency Table
Value for money



## **Modern Foreign Languages (French or Spanish)**

Here is a summary of the evidence your teachers will use to help them submit your Teacher Assessed Grade to the exam board.

Some pieces of evidence will naturally carry more weight than others.

<b>Assessment</b>	<b>Date of Assessment</b>	<b>Conditions</b>	<b>Content of Assessment</b>
Mock Exam: Listening	March 2021	Class exam conditions	Timed questions from a past listening paper (actual grade boundaries used).
Mock Exam: Reading	March 2021	Full exam conditions	Timed questions from a past reading paper (actual grade boundaries used).
Mock Exam: Writing	March 2021	Full exam conditions	Timed questions from a past writing paper (actual grade boundaries used).
NEA Speaking Endorsement Grade	By June 15 <sup>th</sup> 2021	Standard classroom environment	Speaking competence (communication, range of language, accuracy, and pronunciation).
Assessment: Listening	May 2021	Class exam conditions	Timed questions from a past listening paper (actual grade boundaries used).
Assessment: Reading	May 2021	Full exam conditions	Timed questions from a past reading paper (actual grade boundaries used).
Assessment: Writing (Essay)	May 2021	Full exam conditions	Timed 90 or 150-word essay question (depending on tier of entry).
Assessment: Writing (Translation)	May 2021	Full exam conditions	Timed English into Target Language translation question.

In addition, teachers will use their grade collection data from the course. These grades take into account:

- Substantial work completed in class, including work completed during lockdown if relevant
- Performance in homework tasks
- Assessment tasks completed prior to the date of the grade collector
- Mock exams taken prior to the date of the grade collector

For the forthcoming assessment, students can prepare by revising the following topics/units:

- 90-word question topic
  - French Foundation: Free time and family; Sport and healthy living; and School and future plans
  - Spanish Foundation: Holidays and helping others; Jobs and future plans; and Festivals
- 150-word question topic
  - French Higher: Friends, family and free time; Holidays; and School

- Spanish Higher: Technology and future plans; Free time and health; and Jobs and work experience

- Translation topic (focus on grammar and tenses)

The following websites may be of use when revising:

- BBC Bitesize GCSE French: <https://www.bbc.co.uk/bitesize/examspecs/zr8bmfr>
- BBC Bitesize GCSE Spanish: <https://www.bbc.co.uk/bitesize/examspecs/z4yyjvhv>
- Quizlet (see teacher for username and password): <https://www.quizlet.com>
- Kerboodle (see teacher for username and password): <https://www.kerboodle.com>
- Seneca Learning: <https://senecalearning.com>



## PE GCSE

Here is a summary of the evidence your teachers will use to help them submit your Teacher Assessed Grade to the exam board.

Assessment	Date of assessment	Conditions	Content
Paper 1: The human body and movement in physical activity and sport	April 2021	Class Exam Conditions	Applied anatomy and physiology Movement analysis Physical training Use of data
Paper 2: Socio-cultural influences and well-being in physical activity and sport	April 2021	Full Exam Conditions	Sports psychology Socio-cultural influences Health, fitness and well-being Use of data
NEA– Analysis and Evaluation written coursework	April 2021	Class Exam Conditions	Sport and society and technology in sport
Practical Evidence in 2 sports	Y10 and Y11 Cut-off date April 2021	Competitive performance	N/A
Year 10 Mock exams	December 2019	Full Exam Conditions	Theory content covered up to date
Year 11 Mock exams	April 2021	Full exam conditions	Analysis and Evaluation of own performance

In addition, teachers will use their grade collection predictions from the course. These predictions take into account:

- End of unit tests
- Performance in homework tasks
- Mock exams taken prior to the date of the grade collector
- NQT will not mark papers
- Cross section of marking to ensure parity

For the forthcoming assessments, students should prepare by revising the following topics:

<https://filestore.aqa.org.uk/resources/pe/specifications/AQA-8582-SP-2016.PDF>

Y11 Assessment – GCSE PE	
April 2021 - 78 marks, 1hr 15min	
May 2021 70 Marks, 1 hr	
April 2021 – May 2021	April 2021 – May 2021
Paper 1: The human body and movement in physical activity and sport	Paper 2: Socio-cultural influences and well-being in physical activity and sport
Applied Anatomy and Physiology <ul style="list-style-type: none"> <li>• Bones</li> <li>• Structure of the skeleton</li> <li>• Functions of the skeleton</li> <li>• Muscles of the body</li> <li>• Structure of a synovial joint</li> <li>• Joints and movements</li> <li>• Antagonistic Pairs</li> </ul>	Use of Data <ul style="list-style-type: none"> <li>• Demonstrate an understanding of how data is collected – both Qualitative and Quantitative</li> <li>• Present data (including tables and graphs)</li> <li>• Analyse and evaluate data</li> </ul>

<p>The Structure and Function of the Cardio-respiratory System</p> <ul style="list-style-type: none"> <li>• The pathway of air</li> <li>• Gaseous exchange</li> <li>• Mechanics of breathing</li> <li>• Interpretation of a spirometer trace</li> <li>• Blood Vessels</li> <li>• Structure of the heart</li> <li>• The cardiac cycle and pathway of blood</li> <li>• Cardiac output, stroke volume and heart rate</li> </ul>	<p>Sports Psychology</p> <ol style="list-style-type: none"> <li>1. Classification of skills <ul style="list-style-type: none"> <li>• Definition of skill and ability</li> <li>• Definitions of the following skill classifications: <ul style="list-style-type: none"> <li>• Basic/complex</li> <li>• Open/closed</li> <li>• Self-paced/externally paced</li> </ul> </li> <li>• Gross/fine.</li> </ul> </li> </ol>
<p>Anaerobic and aerobic exercise</p> <ul style="list-style-type: none"> <li>• Definition and summary of anaerobic and aerobic exercise</li> <li>• Practical examples of the use of anaerobic and aerobic exercise</li> <li>• Definition and understanding of EPOC</li> <li>• The recovery process from vigorous exercise</li> </ul>	<p>Sports Psychology</p> <p>Choose and justify the appropriate classifications in relation to sporting examples</p> <ul style="list-style-type: none"> <li>• The use of goal setting and SMART targets to improve and/or optimise performance</li> <li>• Definitions of the following types of goals: <ul style="list-style-type: none"> <li>Performance goals (personal performance/no social comparison)</li> <li>Outcome goals (winning/result)</li> <li>Appropriate performance and/or outcome targets for sporting examples</li> </ul> </li> </ul>
<p>Effects of Exercise</p> <ul style="list-style-type: none"> <li>• Immediate effects of exercise (during exercise)</li> <li>• Short-term effects of exercise (Up to 36 hours after exercise)</li> <li>• Long-term effects of exercise (months and years of exercising)</li> </ul>	<p>Basic Information Processing, Guidance and Feedback on performance</p> <ul style="list-style-type: none"> <li>• Basic Information Processing Model</li> <li>• Guidance-Types and links to performance level</li> <li>• Feedback-Types and links to performance level</li> </ul>
<p>Movement Analysis</p> <ul style="list-style-type: none"> <li>• First, second- and third-class lever systems within sporting examples</li> <li>• Mechanical advantage – an understanding of mechanical advantage in relation to the three lever systems</li> <li>• Analysis of basic movements in sporting examples</li> <li>• Identification of the relevant planes (frontal, transverse, sagittal) and axes (longitudinal, transverse, sagittal) of movement used whilst performing sporting actions</li> </ul>	<p>Arousal, Aggression, Personality Types and Motivation</p> <ul style="list-style-type: none"> <li>• Arousal <ul style="list-style-type: none"> <li>• What is arousal</li> <li>• Inverted U Theory</li> <li>• Optimal arousal levels</li> <li>• Controlling arousal</li> </ul> </li> <li>• Aggression <ul style="list-style-type: none"> <li>• Direct and indirect</li> </ul> </li> <li>• Personality Types <ul style="list-style-type: none"> <li>• Introvert and Extrovert</li> </ul> </li> <li>• Motivation <ul style="list-style-type: none"> <li>• Intrinsic and Extrinsic motivation</li> </ul> </li> </ul>
<p>Physical Training</p> <p>The relationship between health and fitness, the components of fitness and fitness testing</p> <ul style="list-style-type: none"> <li>• The relationship between health and fitness</li> <li>• The components of fitness</li> <li>• Linking sports and physical activity to the required components of fitness</li> <li>• Reasons for and limitations of fitness testing</li> <li>• Measuring the components of fitness</li> </ul>	<p><b>NOTE:</b> Not included in our assessments</p> <ul style="list-style-type: none"> <li>• Engagement patterns of different social groups and the factors affecting participation</li> <li>• Commercialisation in Sport</li> <li>• Technology in Sport</li> <li>• Ethical and socio-cultural issues in physical activity and sport</li> <li>• Health and Well-being, sedentary lifestyles, obesity and somatotypes</li> </ul>
<p>The principles of training and their application to personal exercise/training programs</p> <ul style="list-style-type: none"> <li>• The principles of training and overload</li> <li>• Application of the principles of training</li> <li>• Types of training</li> <li>• Identification of the advantages and disadvantages (the effects on the body) of training types linked to specific aims</li> </ul>	
<p>How to optimise training and prevent injury and effective use of warm up and cool down</p> <ul style="list-style-type: none"> <li>• Safety considerations when training</li> <li>• Specific training techniques-High altitude training</li> <li>• Seasonal aspects of training</li> <li>• Warming up and cooling down</li> </ul>	



NEA assessments will only be considered for those students who have completed them. If they have not completed their course work it will be discounted

Practical course work will be considered for those students who have submitted work. Those students who have not be able to gather external information their practical grades will not be considered or teachers professional judgment will be used.

## Separate Sciences (Triple Science)

**PLEASE NOTE THAT THIS IS SEPARATE SCIENCES – FOR COMBINED SCIENCE COURSES, PLEASE SEE UNDER ‘COMBINED SCIENCE’.**

Here is a summary of the evidence you teachers will use to help them submit your Teacher Assessed Grade to the exam board.

Some of the evidence will naturally carry more weight than others.

### Biology

Assessment	Date of assessment	Conditions	Content of assessment
Grade Collector	October 2020  ALREADY COMPLETED		All substantial classwork and homework; formal timed end of topic assessments.
Paper 2 biology	March 2021  ALREADY COMPLETED	Full exam conditions in the hall.	Topic 1 – Key concepts in biology • Topic 6 – Plant structures and their functions • Topic 7 – Animal coordination, control and homeostasis • Topic 8 – Exchange and transport in animals • Topic 9 – Ecosystems and material cycles ( <b>except sampling techniques</b> ).
Grade Collector	March 2021  ALREADY COMPLETED		All substantial classwork, work completed during lockdown if relevant and formal timed end of topic assessments completed before lockdown.
Grade Collector	April 2021		All substantial classwork, assessments and mock examination.
Paper 1 biology	May 2021	Full exam conditions in the hall.	Topic 1 – Key concepts in biology • Topic 2 – Cells and control • Topic 3 – Genetics • Topic 4 – Natural selection and genetic modification • Topic 5 – Health, disease and the development of medicines

### Chemistry

Assessment	Date of assessment	Conditions	Content of assessment
Grade Collector	October 2020  ALREADY COMPLETED		All substantial classwork and homework; formal timed end of topic assessments.



Paper 1 Chemistry	March 2021 ALREADY COMPLETED	Full exam conditions in the hall.	Topic 1 – Key concepts in chemistry • Topic 2 – States of matter and mixtures • Topic 3 – Chemical changes • Topic 4 – Extracting metals and equilibria • Topic 5 – Separate chemistry 1
Grade Collector	March 2021 ALREADY COMPLETED		All substantial classwork, work completed during lockdown if relevant and formal timed end of topic assessments completed before lockdown.
Grade Collector	April 2021		All substantial classwork, assessments and mock examination.
Paper 2 Chemistry	May 2021	Full exam conditions in the hall.	Topic 1 – Key concepts in chemistry • Topic 6 – Groups in the periodic table • Topic 7 – Rates of reaction and energy changes • Topic 8 – Fuels and Earth science • Topic 9 – Separate chemistry 2 ( <b>except bulk and surface properties including nano-particles</b> )

### Physics

Assessment	Date of assessment	Conditions	Content of assessment
Grade Collector	October 2020 ALREADY COMPLETED		All substantial classwork and homework; formal timed end of topic assessments.
Paper 1 Physics	March 2021 ALREADY COMPLETED	Full exam conditions in the hall.	Topic 1 – Key concepts of physics • Topic 2 – Motion and forces • Topic 3 – Conservation of energy • Topic 4 – Waves • Topic 5 – Light and the electromagnetic spectrum • Topic 6 – Radioactivity • Topic 7 – Astronomy
Grade Collector	March 2021 ALREADY COMPLETED		All substantial classwork, work completed during lockdown if relevant and formal timed end of topic assessments completed before lockdown.
Grade Collector	April 2021		All substantial classwork, assessments and mock examination.
Paper 2 Physics	May 2021	Full exam conditions in the hall.	• Topic 1 – Key concepts of physics • Topic 8 – Energy - Forces doing work • Topic 9 – Forces and their effects • Topic 10 – Electricity and circuits • Topic 11 – Static electricity • Topic 12 – Magnetism and the motor effect • Topic 13 – Electromagnetic induction • Topic 14 – Particle model • Topic 15 – Forces and matter

Formal timed in class assessments:

Biology	Chemistry	Physics
<ul style="list-style-type: none"> <li>• Topic 1 – Key Concepts in biology</li> <li>• Topic 7 – Animal co-ordination</li> </ul>	<ul style="list-style-type: none"> <li>• Rates, bonding and calculations</li> <li>• C8 and C9 – Calculations involving masses</li> </ul>	<ul style="list-style-type: none"> <li>• Topic 8 and 9 – Forces doing work and Forces &amp; their effects</li> </ul>

<ul style="list-style-type: none"> <li>• Topic 8 – Exchange and transport in animals</li> <li>• Topic 5 - Health, disease and the development of medicines</li> <li>• Topic 9 (MCQ) – Ecosystems and material cycles</li> </ul>	<ul style="list-style-type: none"> <li>• Equilibrium, cells and quant. analysis</li> </ul>	<ul style="list-style-type: none"> <li>• Topics 10 and 11 – Electricity &amp; Circuits and Static Electricity</li> <li>• Topics 4 and 5 – Waves and Light &amp; the EM spectrum (11C did not complete this assessment)</li> </ul>
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For the forthcoming assessment, students can prepare by revising the following topics/units:

### Biology

Topic	Page numbers in the revision guide
Working Scientifically	2-11
Key Concepts in Biology	12-23
Cells and Control	24-31
Genetics	32-44
Natural Selection and Genetic modification	45-54
Health, disease and the development of medicines	55-68

### Chemistry

Topic	Topic number on Moodle	Page numbers in the revision guide
Working Scientifically		2-11
Key Concepts in Chemistry	C3,C4,C5,C6,C7,C9	12-33
Groups in the Periodic table	C17	73-76
Rates of reaction and energy changes	C18,C19	77-86
Fuels and Earth Science	C20,C21	87-94
Separate Chemistry 2	C22,C23,C24,C25  (Note: C26 will NOT be assessed - nano-particles)	95-108
Practical Skills		109-112



## Physics

Topic	Page numbers in the revision guide
Working Scientifically	2-11
Key concepts in Physics	Examples of use found throughout all modules. <ul style="list-style-type: none"><li>• Recall and use SI unit for physical quantities.</li><li>• Recall and use multiples and sub-multiples of units, including giga (G), mega (M), kilo (k), centi °C milli (m), micro (<math>\mu</math>) and nano (n)</li><li>• Be able to convert between different units, including hours to seconds.</li><li>• Use significant figures and standard form where appropriate.</li></ul>
Forces and energy	65-70
Electricity and Circuits	71-78
Electric and Magnetic Fields	82-92
Matter	93-103
Practical Skills	104-106

The following websites will be of use when revising:

- King Egbert School Moodle – GCSE Biology, Chemistry and Physics courses:  
<https://learnkes.ecgbert.sheffield.sch.uk/login/index.php>
- Physics and Maths tutor for past exam questions (select Edexcel GCSE):  
<https://www.physicsandmathstutor.com/>
- Links to you tube videos of all core practicals produced by the exam board can be found here:  
<https://qualifications.pearson.com/content/dam/pdf/GCSE/Science/2016/teaching-and-learning-materials/GCSE%20Science%20video%20links%20sheet.pdf>

GCSE BBC bitesize pages (select Edexcel GCSE): <https://www.bbc.co.uk/bitesize/levels/z98jmp3>

## Textiles Design

Here is a summary of the evidence your teachers will use to help them submit your Teacher Assessed Grade to the exam board.

Some pieces of evidence will naturally carry more weight than others.

Assessment	Date of Assessment	Conditions	Content of Assessment
Component 1: Portfolio	Continuous from Sept 2019	<ul style="list-style-type: none"><li>• Classwork</li><li>• Homework</li><li>• Mock exam</li></ul>	<ul style="list-style-type: none"><li>• Art, Craft and Design assessment objectives 1, 2, 3 and 4</li></ul>

In addition, teachers will use their grade collection data from the course. These grades take into account:

- Substantial work completed in class, including work completed during lockdown if relevant.
- Performance in homework tasks
- Assessment tasks completed prior to the date of the grade collector.

Mock exams taken prior to the date of the grade collector

