

AQA Level 3 Certificate – Mathematical Studies – 1350B: WBHS Summer 2021 Assessment Record

Record produced and finalised by:

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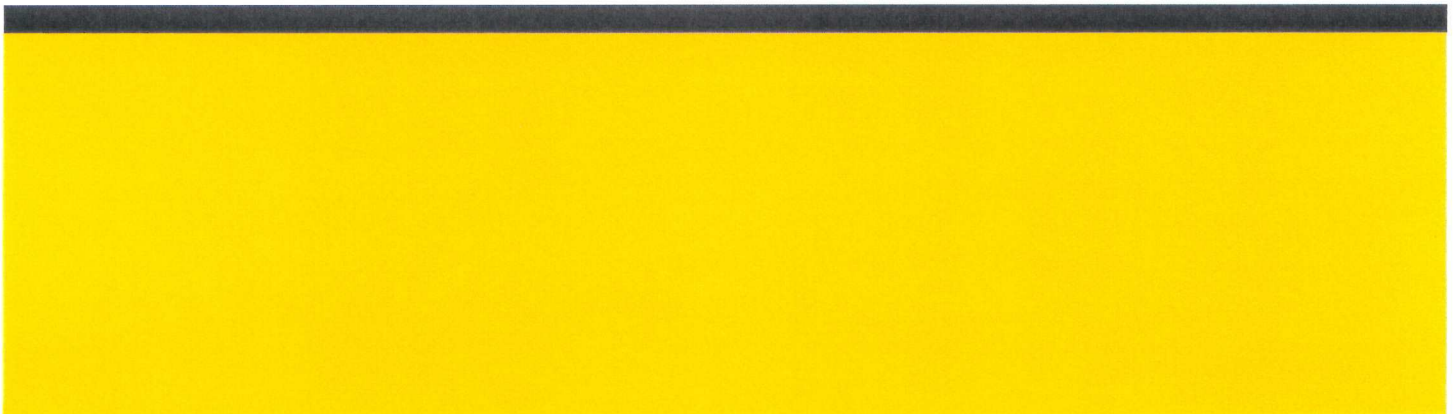
Date: 6/7/21

Second Verifier: CHRIS JOHNSON

Role: 2nd IN MATHS

Signature: Chris Johnson

Date: 6/7/21



Assessment Record Rational for all Centre Assessed Grades

We have used formal, written assessments to help determine what grades students are working at as we feel this is the best way to test student understanding. This is also how students are assessed under normal circumstances in maths. These assessments have been taken in high control conditions (unless where this has not been possible due to lockdown) to ensure the work assessed is a students' own. Across these assessments we have covered all topic areas and within each topic area (in most cases) there have been questions assessing all assessment criteria's so we are confident that there has been a breadth of coverage.

We either created our own assessments using past exam questions to ensure an appropriate level of challenge or used past papers created by the exam boards. Both enabled us to use mark schemes provided by the exam board to ensure consistency in marking. Across the selection of assessments, students were told which broad topics would be on each assessment to ensure that students had a fair chance to show us what they could and couldn't do. Grade boundaries have been produced using historical grade distributions for the relevant qualification at this school.

For any students who have missed an assessment, we used the remaining assessments to inform their assessed grade. For the very small number of students who missed several assessments we have also used classwork and homework tasks to help inform their grade.

AQA Level 3 Mathematical Studies with Critical Paths Analysis and Risk Analysis (1350B) Information – Core Maths

Subject Content

1. Analysis of Data
2. Maths for Personal Finance
3. Estimation
4. Critical Analysis of given data and models
5. Critical path Analysis
6. Expectation
7. Cost Benefit Analysis

Assessment Objectives

AO1: Use and apply standard techniques

Students should be able to:

- Accurately recall facts, terminology and definitions
- Accurately carry out set tasks in contexts requiring single- and multi-step solutions

AO2: Reason, interpret and communicate mathematically

Students should be able to:

- Select the mathematics required to solve a problem
- Analyse data and/or given information in order to draw conclusions
- Represent situations mathematically

AO3: Solve problems within mathematics and in other contexts

Students should be able to:

- Devise strategies to solve problems where the method is not obvious
- Make realistic assumptions to enable solutions to be obtained
- Evaluate the reasonableness of a solution
- Communicate clearly using appropriate mathematical notation, language and diagrammatic representation

Whitley Bay High School – Maths Department – AQA Level 3 Mathematical Studies with Critical Paths Analysis and Risk Analysis (1350B) - Core Maths

Assessment Grid

Assessment	Analysis of Data			Maths for Personal Finance			Estimation			Critical Analysis of given data and models			Critical Path Analysis			Expectation			Cost Benefit Analysis			Level of Control
	AO1	AO2	AO3	AO1	AO2	AO3	AO1	AO2	AO3	AO1	AO2	AO3	AO1	AO2	AO3	AO1	AO2	AO3	AO1	AO2	AO3	
Core Content not involving Pre-release material 1 st March 2021																						Limited Completed remotely
Content involving Pre-release material (Core and Optional) 26 th March 2021																						High – completed in school, under exam conditions
Optional Content Task Hand-in date: 10 th May 2021																						Limited – completed remotely

Comments

- All content was taught and assessed
- Standardisation: All assessments are made up of exam questions from past papers and are marked using exam board mark schemes. Teachers have been trained to follow mark schemes and can consistently award marks as the mark scheme indicates. Any additional special cases or areas of perceived ambiguity are discussed and agreed as a department to ensure absolute consistency between teachers.