

GCSE STATISTICS SNAPSHOT

OVERVIEW

Our GCSE Statistics is a brand new qualification designed for Northern Ireland students.

Studying Statistics helps students to gain knowledge and understanding of how to gather, analyse, interpret and present data.

SPECIFICATION SUMMARY

This specification offers opportunities to build on the skills and capabilities developed through the delivery of the Northern Ireland Curriculum at Key Stage 3.

It gives students the opportunity to develop their ability to apply their skills to real-life contexts.

The assessment model gives students the opportunity to apply the complete statistical problem-solving process.

The specification has two tiers: Foundation and Higher.

We have divided this course into two units.

Unit 2 has questions on information in a pre-release case study, focusing on Northern Ireland data.

BENEFITS TO STUDENTS

- It gives students appropriate statistical skills, knowledge and understanding to support their GCSE studies and enable them to progress to further academic and vocational study and to employment.
- It gives students opportunities to develop the skills of processing, analysing and representing data and an understanding of which techniques are appropriate in particular situations.
- It allows students to develop their ability to interpret and evaluate the outcomes of a statistical enquiry, think critically and communicate their conclusions clearly.

CROSS-CURRICULAR SKILLS, THINKING SKILLS AND PERSONAL CAPABILITIES THAT WILL BE DEVELOPED

This specification builds on the knowledge, understanding and skills developed through the statutory requirements for Mathematics (including Financial Capability) in the Northern Ireland Curriculum at Key Stage 3. It builds on the learning experiences from Key Stage 3 as required for the statutory Northern Ireland Curriculum. It also offers opportunities for students to contribute to the aim and objectives of the Curriculum at Key Stage 4, and to continue to develop the Cross-Curricular Skills and the Thinking Skills and Personal Capabilities. The extent of the development of these skills and capabilities will be dependent on the teaching and learning methodology used.

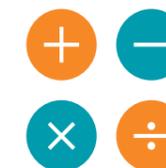
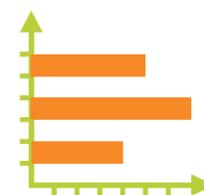
UNIQUE FEATURES OF THIS SPECIFICATION/ IMPROVEMENTS MADE

Unit 2 has questions on information in a pre-release case study that focuses solely on Northern Ireland data.

The pre-release case study materials encourage students to apply the techniques in the framework of the statistical enquiry cycle, using real data taken from authentic contexts.

The statistical enquiry cycle is assessed by a written examination, focusing on:

- understanding and using the whole statistical problem-solving process to address problems by:
 - planning;
 - collecting data;
 - processing, representing and analysing data;
 - discussing and interpreting results; and
 - communicating in a variety of forms;
- formulating hypotheses to investigate using statistical methods;
- identifying and collecting suitable data to investigate a question or hypothesis; and
- evaluating solutions and suggesting improvements.



CONTENT AND ASSESSMENT

CONTENT	ASSESSMENT	WEIGHTINGS	AVAILABILITY
Unit 1	External written examination Foundation Tier: 1 hour 30 mins Or Higher Tier: 2 hours All questions are compulsory.	50%	Summer from 2018
Unit 2	External written examination Foundation Tier: 1 hour 30 mins Or Higher Tier: 2 hours Some questions are set on the information in the pre-release case study. All questions are compulsory.	50%	Summer from 2019

SUPPORTING YOU

The following resources are available to support this specification:

- our Statistics microsite at www.ccea.org.uk and
- specimen assessment materials.

We also intend to provide:

- past papers;
- mark schemes;
- Chief Examiner's reports;
- guidance on progression from Key Stage 3;
- planning frameworks;
- centre support visits;
- support days for teachers;
- pre-release material;
- a resource list; and
- exemplification of examination performance.

CONTACT US

If you have a query or require advice or guidance, please contact:

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SPECIFICATION SNAPSHOT



For first teaching from September 2017
For first assessment in Summer 2018
For first award in Summer 2019

GCSE Statistics