

Science - Entry Level

2021

Details at a Glance

Qualification

Entry Level Certificate

Level

1

Exam Board

WJEC

Tiered

No

Limited Group size

YES

Staff

All science staff

Course Structure

Our Entry Level Certificate in Science specification promotes a variety of styles of teaching and learning so that the course is enjoyable for all participants.

Learners will be introduced to a wide range of scientific principles set in meaningful contexts enabling them to enjoy a positive learning experience.

This course will be delivered in one year usually with just one science teacher. They will have 9 lessons a fortnight.

The subject content is made up of the following topics:

1 Modern living and energy
1.1 Energy concepts and use
1.2 Generating electricity
1.3 Building electrical circuits

2 Obtaining resources
2.1 Obtaining clean water
2.2 Our planet
2.3 Producing useful compounds in the laboratory
2.4 Controlling chemical reactions

3 Our planet
3.1 Our place in the universe
3.2 World of life
3.3 Protecting our environment

4 Health, fitness and sport
4.1 Factors affecting human health
4.2 Fighting disease
4.3 Exercise and fitness in humans

This WJEC Entry Level Certificate in Science specification will enable learners to develop: a) knowledge and understanding of key areas of science and its application b) interest in and enthusiasm for science c) competence and confidence in a variety of practical, and problem solving skills d) understanding of the scientific process e) scientific enquiry and modelling skills and understanding in laboratory setting.



Examination/Assessment

Unit 1:

1 hour
examination (25%)

Unit 2:

Four end of unit tests
completed in school (60%)

Unit 3:

Two practical assessments
(15%)