



AIMQUALIFICATIONS

Level 2 Award in Science

Qualification Number: 601/0759/5



Qualification Overview

Title:	Aim Qualifications Level 2 Award in Science
Qualification Number:	601/0759/5
Level:	Level 2
Credit Value:	6 credits
Guided Learning Hours:	48 hours
Total Qualification Time:	60 hours
Qualification Objective:	<p>This qualification can be used flexibly to meet learner needs. Depending on the context of the learning and the needs of each individual learner, the qualification can:</p> <ul style="list-style-type: none">● prepare individuals to progress to a qualification in the same subject area but at a higher level or requiring more specific knowledge, skills and understanding;● prepare learners for employment;● support a role in the workplace;● encourage engagement in learning.
Progression Routes:	<p>This qualification has been designed to enable learners to:</p> <ul style="list-style-type: none">● develop an interest in scientific enquiry;● develop the skills and knowledge needed to progress to higher level study in science. <p>The Aim Qualifications Level 2 Award in Science has been designed to engender an interest in science and encourage a spirit of enquiry. This qualification is a generalist qualification, covering physical and life sciences, and applications of science in, for example, forensics and architecture. Centres can choose from a variety of units, as appropriate to the needs of learners. Learners will be equipped with the knowledge and skills required to progress to higher level qualifications in science.</p>

Entry requirements:

There are no entry requirements. This qualification is accessible to all. There is no minimum age for access to these qualifications. Centres ought to satisfy themselves, however, that learners have a level of maturity appropriate for units included in the courses that they offer. If in doubt, please contact Aim Qualifications for advice. There are no further entry requirements.

Assessment method(s):

Assessment is through a Portfolio of Evidence/Workbook.

How is the qualification assessed?

The assessment process is as follows:

Internal Assessment by Portfolio of Evidence

Where the assessment method for the qualification is by internally set assessments (Portfolio of Evidence), then centres are free to devise their own assessments for the qualification/unit.

- All assessments should be designed in such a way as to minimise the requirement for Reasonable Adjustments to be made.
- Centre devised assessments must allow learners to meet all of the requirements of the assessment criteria for each unit. Assessments must not require learners to produce evidence above and beyond that stipulated in the Assessment Criteria.
- Centres must then have these assessments approved by their IQA.

When devising assessments, centres may choose from a range of assessment methods but where assessment guidance is provided within a unit this must be adhered to unless otherwise agreed with Aim Qualifications .

Assessment methods must be valid, fair, reliable and safe leading to authentic, sufficient and current evidence produced by the candidate.

Holistic assessment is good practice wherever possible and permitted by the assessment strategy for the qualification if this exists.

Other guidance and sample documentation is available to recognised centres covering: planning assessment; recording achievement; planning, carrying out and documenting IQA.

Reasonable Adjustment and Special Considerations

Reasonable adjustments and Special Considerations are available for all assessments, irrespective of whether they are internally or externally set.

Where a learner or group of learners may not be able to access the assessment without Reasonable Adjustments, centres should ensure that they apply in good time for relevant reasonable adjustments to be made, using the Aim Qualifications [Reasonable Adjustments and Special Considerations Policy](#) which gives clear guidance on the reasonable adjustments and arrangements that can be made to take account of disability or learning difficulty without compromising the achievement of the assessment criteria.

Qualification size

About the RQF

The Regulated Qualifications Framework (RQF) provides a single, simple system for cataloguing all qualifications regulated by Ofqual. Qualifications are indexed by their level and size.

Levels indicate the difficulty and complexity of the knowledge and skills associated with any qualification. There are eight levels supported by three “entry levels”.

Size refers to the estimated total amount of time it could typically take to study and be assessed for a qualification. Size is expressed in term of Total Qualification Time (TQT). The part of the TQT spent being taught or supervised is known as Guided Learning Hours (GLH).

Guided Learning Hours (GLH)

GLH are defined as the time a learner spends being taught or instructed by – or otherwise participating in education or training under the immediate guidance or supervision of – a lecturer, supervisor, tutor or other appropriate provider of education or training. This includes guidance or supervision time:

- a) With the simultaneous physical presence of the learner and that person, or
- b) Remotely by means of simultaneous electronic communication.

It does not include the number of hours a learner spends in preparation, study or any other form of participation in education or training, including assessment, which takes place as directed by – but not under the immediate guidance or supervision of – a lecturer, supervisor, tutor or other appropriate provider of education or training.

Total Qualification Time (TQT)

TQT is comprised of the following two elements:

- a) The number of hours which an awarding organisation has assigned to a qualification for Guided Learning, and
- b) An estimate of the number of hours a learner will reasonably be likely to spend in preparation, study or other form of participation in education or training, including assessment, which takes place as directed by – but unlike Guided Learning, not under the immediate guidance or supervision of – a lecturer, supervisor, tutor or other appropriate provider of education or training.

Rules of Combination and level for this qualification

To be awarded the Aim Qualifications Level 2 Award in Science learners must achieve 6 credits from any of the units in Mandatory Group M at Level 2.

There are no Optional Units in this qualification.

Mandatory Group M

Title	Level	Credit	GLH	TQT	Unit code	Unit reference number
<u>Chemical Analysis and Detection</u>	2	3	24	30	RD5/2/NQ/001	T/505/4754
<u>Chemical Properties</u>	2	3	24	30	RD1/2/NQ/001	F/505/4756
<u>Ecosystems</u>	2	3	24	30	RH1/2/NQ/001	K/505/4816
<u>Electricity and Heat</u>	2	3	24	30	RC5/2/NQ/001	L/505/4761
<u>Energy and Our Universe</u>	2	3	24	30	RE4/2/NQ/001	Y/505/4763
<u>Exploring our Universe</u>	2	3	24	30	RE4/2/NQ/002	H/505/4765
<u>Forensic Science</u>	2	3	24	30	RA1/2/NQ/007	K/505/4766
<u>Health and Safety in a Laboratory Environment</u>	2	3	24	30	RA3/2/NQ/001	T/505/4768
<u>Human Nutrition</u>	2	3	24	30	RH4/2/NQ/001	M/505/4770
<u>Infection and Immunity</u>	2	3	24	30	RH4/2/NQ/002	J/505/4774
<u>Investigating Architecture</u>	2	3	24	30	TD1/2/NQ/001	Y/505/4777

Title	Level	Credit	GLH	TQT	Unit code	Unit reference number
Investigating Space	2	3	24	30	RE4/2/NQ/003	Y/505/4780
Medical Physics	2	3	24	30	RC1/2/NQ/001	M/505/4784
Microorganisms and Infection	2	3	24	30	RH4/2/NQ/003	T/505/4785
Plant Science	2	3	24	30	RH3/2/NQ/001	J/505/4791
Science and Cosmetics	2	3	24	30	RA1/2/NQ/008	L/505/4792
Science and Fire Fighting	2	3	24	30	RA1/2/NQ/009	H/505/4796
Science and Food	2	3	24	30	RA1/2/NQ/010	M/505/4798
Science Skills	2	3	24	30	RA1/2/NQ/011	H/505/4801

Level Descriptors

Units are assigned a level based on current RQF guidance issued by Ofqual.

Level	Knowledge Descriptor (the holder...)	Skills Descriptor (the holder can...)
Level 2	<p>Has knowledge and understanding of facts, procedures and ideas in an area of study or field of work to complete well-defined tasks and address straight-forward problems.</p> <p>Can interpret relevant information and ideas.</p> <p>Is aware of a range of information that is relevant to the area of study or work.</p>	<p>Select and use relevant cognitive and practical skills to complete well-defined, generally routine tasks and address straightforward problems.</p> <p>Identify, gather and use relevant information to inform actions.</p> <p>Identify how effective actions have been.</p>

Extracted from 'After the QCF A New Qualification Framework' October 2015

Requirements to deliver the qualification

To offer this qualification, centres must ensure that tutors: hold or are working towards:

A relevant teaching qualification such as a:

- Level 3 Award in Education and Training; or
- Level 4 Certificate in Education and Training; or
- Level 3 or 4 PTLLS (or equivalent) **and**
- A relevant professional qualification in a science related subject at Level 3 or above **and**
- Relevant recent experience in the field of science.

Centres must also ensure that they have in place an Internal Quality Assurance person who:

- Holds or is working towards a Level 4 Award in Internal Quality Assurance of Assessment Processes and Practices or its equivalent.
- Has substantial experience of working in or assessing qualifications in science.
- Is familiar with the assessment requirements of the qualification for which they are the Internal Quality Assurer.

Support for centres

Aim Qualifications provide all of our centres with on-going support and advice on the use of Aim Qualifications units and qualifications, including the requirements for assessment.

Centre responsibilities

Each centre should identify a centre contact who will be responsible for:

- ensuring that the centre meets all the Aim Qualifications requirements for centre recognition and adheres to all [policies and procedures](#).
- Aim Qualifications provision within the centre
- ensuring all procedures relating to the delivery of the qualification operate effectively in the centre
- ensuring all relevant Aim Qualifications documentation is distributed as required within the centre and that the security requirements for external assessment are adhered to, where applicable.

The information provided in this qualification specification is accurate at the time of publication but is subject to change. AIM Qualifications will occasionally update qualification information, so please refer to the 'AIM Qualifications' page of our website to view any updates, including qualification end dates and the latest versions of our qualification specifications.

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