QAQF LEVEL DESCRIPTORS

INTRODUCTION

The Level Descriptors are the most robust measurements with which the QAQF is created and, as the Framework itself seeks to be utilized in the widest possible range of evaluating new century learning in UK and globally, they need to be far reaching. Clearly, they must also be fit for purpose in terms of safeguarding the reliability of the Framework and be internally coherent and academically sound.

The current Descriptors presently include some of the traditional educational descriptors adding new range of descriptors that have not used to measure before for assessment and evaluation learning and education. Our Quality Assessment Committee will consistently monitor this framework on a timely review. Not only has the range of contexts in which they are being used broadened significantly, but also best practice would indicate that regular review considering a range of factors and drivers is helpful. Moreover, our Committee will ensure that the levels should 'mapped' into the educational and learning environment including our hologram learning model.

The Quality Assessment Committee will strive to oversee the review and appoint experts to support that process. The launching of QAQF framework will be gradual and in three (3) phases. The first phase will underpin the prototype of its characteristics and measurements level on a practical level. The second phase will be introduced augmented reality learning using our well researched and defined descriptors during phase one. Once the descriptors reflect and are incorporated into the new 21st century paradigm, the Holographic learning tool will be pioneered to mark our Hologram modeling of Educational technology at this stage.

THE QAQF LEVEL DESCRIPTORS

Level descriptors are fundamental to the QAQF. The QAQF Level Descriptors describe in broad terms what learners should be able to do or demonstrate at a particular level. Within an integrated framework, these level descriptors provide a common vocabulary to assist with the comparison of qualifications and learning programs.

Each level descriptor has nine characteristics unlike other traditional characteristics that normally have five or less characteristics which provide a reference point for determining the level of a qualification, learning program, module and unit of learning or for the recognition of prior learning (RPL). They are not intended to give precise or comprehensive statements of required learning for individual qualifications. The nine characteristics are:

- Knowledge and understanding;
- Practice: Applied knowledge, skills and understanding;
- Generic cognitive skills;
- Communication and numeracy
- Autonomy, accountability and working with others.
- Digitalisation, Artificial intelligence, Advanced IT application, Robotic
- Reflective, creativity and Innovative skills,
- Sustainability, resilience and ecological,
- Futuristic/futurology/ Genius/ differentology skills

USING THE QAQF LEVEL DESCRIPTORS

The following key points are important to remember when you are using the QAQF Level Descriptors:

the QAQF Level Descriptors should be seen as a useful guide to be used with other reference documents such as subject benchmarks, arrangements document and other relevant programs on the Framework; the characteristics of the Level Descriptors are generic in nature and may not all be relevant for every qualification or learning program; they provide a general overview of what would be expected of a typical learner at a specified QAQF level. As some of the characteristics may not be relevant it is not necessary that all are met; when deciding an appropriate level for a qualification or learning program, it is helpful to look at descriptors across a range of levels to determine the "best fit"; and the vocabulary of the QAQF Level Descriptors may provide appropriate wording that can be used to describe learning for program descriptions, learning outcomes and assessment evidence.

Descriptors:

Specification/ measurement	Descriptors
Knowledge and understanding	Descriptive, simple, facts, ideas, concepts, subject, discipline, defining understanding,
Applied knowledge	Application of: theories, facts, ideas, concepts
Cognitive skills	Critical, analytical, research
Communication	English level, use of command of communication
Autonomy, accountability, & Working with others	Team work, group work, autonomy, independent thinking, accountability of thoughts
Digitalisation, Artificial intelligence, Advanced IT application, Robotic	Application of digital knowledge, use of artificial intelligence, application of advanced IT, implementation of Robotic thinking
Sustainability, resilience and ecological,	Show sustainability, resilient and ecological thinking
Reflective, creativity and Innovative skills,	Level of reflection, creativity and innovative input
Futuristic/futurology/ Genius/ differentology skills	Think outside the box, show different thinking on outcomes

Measurement Level 1

Level 1 assesses the use of basic implementation of nine characteristics within learning and education environment. The outcome of the assessment must show the use of the following nine characteristics at basic level to be able to achieve level 1 objectives.

- Knowledge and understanding;
- Practice: Applied knowledge, skills and understanding;
- Generic cognitive skills;
- Communication and numeracy
- Autonomy, accountability and working with others.
- Digitalisation, Artificial intelligence, Advanced IT application, Robotic
- Reflective, creativity and Innovative skills,
- Sustainability, resilience and ecological,
- Futuristic/futurology/ Genius/ differentology skills

Measurement Level 2

Level 2 assesses the use of rudimentary implementation of nine characteristics within learning and education environment. The outcome of the assessment must show the use of the following nine characteristics at elementary level to be able to achieve level 2 objectives.

- Knowledge and understanding;
- Practice: Applied knowledge, skills and understanding;
- Generic cognitive skills;
- Communication and numeracy
- Autonomy, accountability and working with others.
- Digitalisation, Artificial intelligence, Advanced IT application, Robotic
- Reflective, creativity and Innovative skills,
- Sustainability, resilience and ecological,
- Futuristic/futurology/ Genius/ differentology skills
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Measurement Level 3

Level 3 assesses the use of crucial implementation of nine characteristics within learning and education environment. The outcome of the assessment must show the use of the following nine characteristics at importance level to be able to achieve level 3 objectives.

- Knowledge and understanding;
- Practice: Applied knowledge, skills and understanding;
- Generic cognitive skills;
- Communication and numeracy
- Autonomy, accountability and working with others.
- Digitalisation, Artificial intelligence, Advanced IT application, Robotic
- Reflective, creativity and Innovative skills,
- Sustainability, resilience and ecological,

- Futuristic/futurology/ Genius/ differentology skills

Measurement Level 4

Level 4 assesses the use of key implementation of nine characteristics within learning and education environment. The outcome of the assessment must show the use of the following nine characteristics at significant level to be able to achieve level 4 objectives.

- Knowledge and understanding;
- Practice: Applied knowledge, skills and understanding;
- Generic cognitive skills;
- Communication and numeracy
- Autonomy, accountability and working with others.
- Digitalisation, Artificial intelligence, Advanced IT application, Robotic
- Reflective, creativity and Innovative skills,
- Sustainability, resilience and ecological,
- Futuristic/futurology/ Genius/ differentology skills

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Measurement Level 5

Level 5 assesses the use of substantial implementation of nine characteristics within learning and education environment. The outcome of the assessment must show the use of the following nine characteristics at sizeable level to be able to achieve level 5 objectives.

- Knowledge and understanding;
- Practice: Applied knowledge, skills and understanding;
- Generic cognitive skills;
- Communication and numeracy
- Autonomy, accountability and working with others.
- Digitalisation, Artificial intelligence, Advanced IT application, Robotic
- Reflective, creativity and Innovative skills,
- Sustainability, resilience and ecological,
- Futuristic/futurology/ Genius/ differentology skills

Measurement Level 6

Level 6 assesses the use of critical implementation of nine characteristics within learning and education environment. The outcome of the assessment must show the use of the following nine characteristics at analytic level to be able to achieve level 6 objectives.

- Knowledge and understanding;
- Practice: Applied knowledge, skills and understanding;
- Generic cognitive skills;

- Communication and numeracy
- Autonomy, accountability and working with others.
- Digitalisation, Artificial intelligence, Advanced IT application, Robotic
- Reflective, creativity and Innovative skills,
- Sustainability, resilience and ecological,
- Futuristic/futurology/ Genius/ differentology skills

Measurement Level 7

Level 7 assesses the use of leading implementation of nine characteristics within learning and education environment. The outcome of the assessment must show the use of the following nine characteristics at master level to be able to achieve level 2 objectives.

- Knowledge and understanding;
- Practice: Applied knowledge, skills and understanding;
- Generic cognitive skills;
- Communication and numeracy
- Autonomy, accountability and working with others.
- Digitalisation, Artificial intelligence, Advanced IT application, Robotic
- Reflective, creativity and Innovative skills,
- Sustainability, resilience and ecological,
- Futuristic/futurology/ Genius/ differentology skills

Measurement Level 8

Level 8 assesses the use of specialist implementation of nine characteristics within learning and education environment. The outcome of the assessment must show the use of the following nine characteristics at expert level to be able to achieve level 8 objectives.

- Knowledge and understanding;
- Practice: Applied knowledge, skills and understanding;
- Generic cognitive skills;
- Communication and numeracy
- Autonomy, accountability and working with others.
- Digitalisation, Artificial intelligence, Advanced IT application, Robotic
- Reflective, creativity and Innovative skills,
- Sustainability, resilience and ecological,
- Futuristic/futurology/ Genius/ differentology skills

Measurement Level 9

Level 9 assesses the use of 21st century innovative implementation of nine characteristics within learning and education environment. The outcome of the assessment must show the use of the following nine characteristics at superior level to be able to achieve level 9 objectives.

- Knowledge and understanding;
- Practice: Applied knowledge, skills and understanding;
- Generic cognitive skills;
- Communication and numeracy
- Autonomy, accountability and working with others.
- Digitalisation, Artificial intelligence, Advanced IT application, Robotic
- Reflective, creativity and Innovative skills,
- Sustainability, resilience and ecological,
- Futuristic/futurology/ Genius/ differentology skills

QAQF Framework Tool

level 9 Futuristic/ Genius Skills

level 8 Reflective, Creativity &
Innovative Skills

level 7 Sustainability, Resilience and
Ecological

level 4-6 Communication,
Accountability & Digitalisation

level 1-3 Knowledge &
understanding, applicability,
& cognitive Skills