



National Unit specification: general information

Unit title: Art and Design: Creative 3D Art Form (SCQF level 6)

Unit code: F9X9 12

Superclass: JB

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Summary

In this Unit candidates will develop a range of skills and techniques as they explore the possibilities of working 3-dimensionally. Candidates will, through observation of 3D forms, experiment with a range of materials and develop sculptural skills before using these to produce a finished 3D art-form.

Outcomes

- 1 Produce drawings and studies of 3D forms.
- 2 Develop ideas using 3D media and techniques.
- 3 Produce a finished 3D art form.

Recommended entry

While entry is at the discretion of the centre, candidates would benefit from having previous experience of an Art and Design Course or Units.

Credit points and level

1 National Unit credit at SCQF level 6: (6 SCQF credit points at SCQF level 6*)

**SCQF credit points are used to allocate credit to qualifications in the Scottish Credit and Qualifications Framework (SCQF). Each qualification in the Framework is allocated a number of SCQF credit points at an SCQF level. There are 12 SCQF levels, ranging from Access 1 to Doctorates.*

General information (cont)

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Core Skills

There is no automatic certification of Core Skills in this Unit. Opportunities to develop aspects of Core Skills are highlighted in the Support Notes of this Unit specification.

National Unit specification: statement of standards

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Acceptable performance in this Unit will be the satisfactory achievement of the standards set out in this part of the Unit specification. All sections of the statement of standards are mandatory and cannot be altered without reference to SQA.

Outcome 1

Produce drawings and studies of 3D forms.

Performance Criteria

- (a) Select examples of 3D forms.
- (b) Select drawing media, materials and techniques.
- (c) Use the selected drawing media and techniques to produce drawings from first hand sources.
- (d) Produce developmental studies that represent selected visual qualities of the subject matter.

Outcome 2

Develop ideas using 3D media and techniques.

Performance Criteria

- (a) Select developmental drawings and studies to be used to develop 3D form.
- (b) Experiment with the use of 3D media and techniques.
- (c) Develop 3D ideas that show appreciation and understanding of 3D form.

Outcome 3

Produce a finished 3D art-form.

Performance Criteria

- (a) Select a development idea for use in creating the finished piece.
- (b) Select and use appropriate media and materials.
- (c) Use equipment and materials consistently and safely.

National Unit specification: support notes

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Evidence Requirements for this Unit

Evidence is required to demonstrate that the candidate has achieved all Outcomes and Performance Criteria.

Product and written and/or oral evidence is required to show that candidates have achieved all of the Outcomes and Performance Criteria.

Candidates will produce a folio of work that includes:

- ◆ Detailed drawings that show visual analysis of 3D form and structure on a minimum of one A2 sheet.
- ◆ The development of 3D ideas/concepts in 2D and/or 3D on a minimum of one A2 sheet
- ◆ A minimum of 4 experimental 3D forms that show the exploration of and creative application of selected 3D media and techniques and the use of visual elements:
 - 3D form
 - texture
 - balance
 - spatial awareness
- ◆ Production of a final 3D art form that demonstrates sound media and materials handling skills and the safe use of selected media materials and techniques.

The folio of work may be presented in a sketchbook, workbook or display board format and photographic evidence may be used to document 3D experimentation.

The evidence for assessment will be produced on an ongoing basis in open-book conditions throughout the delivery of the Unit. Evidence must be retained.

The National Assessment Bank (NAB) pack provided for this Unit illustrates the standard that should be applied. If a centre wishes to design its own assessments for this Unit, they must be of a comparable standard.

National Unit specification: support notes

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This part of the Unit specification is offered as guidance. The support notes are not mandatory.

While the exact time allocated to this Unit is at the discretion of the centre, the notional design length is 40 hours.

Guidance on the content and context for this Unit

This Unit is an optional Unit of the National Certificate in Art and Design at SCQF level 6. It can also be taken as a free-standing Unit.

This Unit is designed to offer candidates the opportunity to develop ideas and concepts and produce a creative 3D art form from detailed visual analysis of first hand observational studies. The aim is to allow candidates to creatively experiment with a variety of 3D media, materials and techniques, developing ideas and concepts in 3D form before producing a finished art form. This experimental approach to developing 3D media handling skills will help candidates develop confidence in handling a range of 3D media, materials and techniques.

Guidance on learning and teaching approaches for this Unit

Teachers/lecturers should provide demonstrations of 3D media and techniques and it is recommended that sustained visual enquiry is encouraged through the detailed recording of the visual qualities of the chosen subject matter/visual stimuli.

Outcome 1

Candidates should be encouraged to use a variety of drawing media, selecting specific media and drawing approaches that can best represent the visual qualities of the subject matter. The drawings may be presented in sketchbook format or simply mounted to one A2 sheet or equivalent as part of the final portfolio of work. The studies and drawings should include detailed analytical studies of line and tone of selected 3D subjects drawn from various angles and viewpoints.

The developmental 2D and 3D concepts and ideas developed from the earlier analysis of 3D form can be produced in any suitable media, eg mixed media, charcoal, conte pastel, paint, torn and cut paper, tissue, string and threads, wire, straw, mod roc, relationships of form, texture and balance of composition should be evident in this process. The development work can be presented in sketch book format or simply mounted onto one A2 sheet or equivalent as part of the final portfolio of work.

National Unit specification: support notes (cont)

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Outcome 2

3D macquettes should be developed from the initial drawings, studies and 2D/3D developments using any suitable sculptural material. Examples of suitable materials for 3D experimentation include the following:

- ◆ Additive materials, such as, card, wire, chicken wire, plaster, paperclay, clay, plastics and metal.
- ◆ Subtractive materials, such as, stone, wood, soapstone, balsa, wood, polystyrene and carved plaster.

The processes and 3D techniques used should be appropriate to the material chosen eg modelling with clay or plaster, carving wood or stone, joining metal or other materials. Experimentation with combinations of techniques or materials should be encouraged to increase the aesthetic possibilities and creativity of the developing ideas and concepts.

Emphasis should be on exploring the limitations and qualities of the chosen media with the candidates experimenting with visual elements in 3D. This should help build up a working vocabulary and applied skills relating to 3D form, texture, light, balance and composition. Candidates should be encouraged to develop and refine their practical media and materials handling skills.

Outcome 3

The design for the finished art form should be based on and developed from the most successful macquette. Any materials used should have been explored and used in Outcome 2 and skill in handling should be developed and used to make a well-finished work which demonstrates appreciation of form, surface texture, balance of composition and spatial awareness.

If possible, the use of technology is to be encouraged, eg to enhance learning, video and/or film material could be used to demonstrate construction methods or 3D forms.

Opportunities for developing Core Skills

Candidates may have opportunities to develop aspects of the Core Skill of *Communication* through teacher/lecturer led group discussions and through commentary when analysing 3D form.

Candidates may have opportunities to develop aspects of the Core Skill of *Problem Solving* during the production of a finished 3D art form.

National Unit specification: support notes (cont)

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Guidance on approaches to assessment for this Unit

A suitable instrument of assessment for this Unit would be a series of practical exercises. The Outcomes may be assessed on an individual basis or a combined staged assessment can be used to cover all three Outcomes.

If holistic assessment is being used candidates time management skills should be assisted through the use of staged interim submission deadlines for each stage of the activity. Open questions and group discussion can be used to formatively assist candidates to explore their chosen use of materials and media and to consider the effectiveness of their approach and use of specific construction methods. Candidates can be encouraged to keep a photographic record of all their 3D development work and the finished art form.

A checklist for safe working practices could also be used for recording candidates' observance of all current health and safety considerations while carrying out practical work.

Teachers/lecturers must be satisfied that the evidence submitted is the work of individual candidates. Although group work may be used as a learning and teaching approach, any work that contributes to candidate assessment evidence must be carried out on an individual basis to ensure authenticity.

Opportunities for the use of e-assessment

E-assessment may be appropriate for some assessments in this Unit. By e-assessment we mean assessment which is supported by Information and Communication Technology (ICT), such as e-testing or the use of e-portfolios or e-checklists. Centres which wish to use e-assessment must ensure that the national standard is applied to all candidate evidence and that conditions of assessment as specified in the Evidence Requirements are met, regardless of the mode of gathering evidence. Further advice is available in *SQA Guidelines on Online Assessment for Further Education (AA1641, March 2003)*, *SQA Guidelines on e-assessment for Schools (BD2625, June 2005)*.

National Unit specification: support notes (cont)

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Disabled candidates and/or those with additional support needs

The additional support needs of individual candidates should be taken into account when planning learning experiences, selecting assessment instruments, or considering whether any reasonable adjustments may be required. Further advice can be found on our website www.sqa.org.uk/assessmentarrangements

History of changes to Unit

Version	Description of change	Date

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