



Australian Government

FSKNUM016 Interpret, draw and construct routine 2D and 3D shapes for work

Release: 1

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Modification History

Release	Comments
Release 1	This version first released with FSK Foundation Skills Training Package Version 2.0.

Application

This unit describes the skills and knowledge required to describe and draw familiar and routine, everyday objects, including constructing common three dimensional (3D) shapes, and identifying and estimating common angles. It includes interpreting two dimensional (2D) and 3D shapes and angles, completing workplace tasks with shapes and angles, and communicating shape information.

An individual performing these tasks works independently and uses familiar support resources as needed.

This unit applies to individuals who use, or are preparing to use, numeracy skills to complete workplace activities. This includes existing workers and individuals preparing for employment through vocational education and training. This unit should be integrated and contextualised with vocational training to support achievement of vocational competency.

The unit is aligned to, but does not fully address, the Australian Core Skills Framework (ACSF) numeracy core skill indicators .09, .10 and .11 at level 3 in the workplace and employment domain of communication.

No licensing, legislative or certification requirements apply to this unit at the time of publication.

Unit Sector

Numeracy

Elements and Performance Criteria

Element	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
1. Select and interpret familiar and routine 2D	1.1 Select and interpret familiar and routine 2D and 3D shapes in

Element	Performance Criteria
and 3D shapes and angles	different orientations embedded in workplace tasks and texts 1.2 Select and interpret common angle properties of items or objects embedded in workplace tasks and texts
2. Complete workplace tasks using shape and angle properties	2.1 Select mathematical problem solving process for completing workplace task 2.2 Describe and compare properties of familiar and routine 2D and 3D shapes in workplace texts or tasks 2.3 Identify, estimate and compare common angle properties in everyday objects or activities in workplace texts or tasks 2.4 Draw and construct everyday workplace 2D and 3D shapes and objects 2.5 Check and reflect on description, estimation and drawings/constructions, and appropriateness of outcomes to workplace task
3. Communicate workplace shape and angle information	3.1 Use informal and formal written mathematical representations to document and report on workplace shapes and angle properties, and problem solving process and results 3.2 Use informal and formal mathematical language to present and discuss workplace shapes and angle properties, and problem solving process and results

Foundation Skills

This section describes language, literacy, numeracy and employment skills that are essential to performance but not explicit in the performance criteria.

Foundation skills essential to performance are explicit in the performance criteria of this unit of competency.

Mapping Information

Supersedes and is equivalent to FSKNUM16 Interpret, draw and construct 2D and 3D shapes for work.

Links

Companion Volume Implementation Guide is found on VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=f572fe10-a855-4986-9295-3852c771f178>

