

Qualification Unit

This unit forms part of a regulated qualification.

Unit Title: The Solar System

Unit Reference Number: A/618/3234

Level: Level Two

Credit Value: Three (3)

Minimum Guided Learning Hours: 24

Learning Outcome (The Learner will):	Assessment Criterion (The Learner can):
1. Know the structure of the solar system	1.1 Explain the structure of the universe and our solar system
	1.2 Illustrate the position of planets, stars, solar systems, galaxies and the universe in terms of their relative size
	1.3 Identify trends and patterns in given quantitative data about the components in the solar system
	1.4 Describe the importance of gravity in star and planet formation
	1.5 Identify evidence that shows the dynamic nature of the universe
2. Know the theories of the evolution of the universe	2.1 Illustrate how astronomy and the theories of the universe have developed over time
	2.2 Illustrate how the Big Bang theory describes the origin of the universe
	2.3 Describe the evidence of the big bang theory
3. Know the methods used to explore space	3.1 Explore current technologies used in astronomy and space exploration outlining how they have increased human knowledge of the universe