

E14 History of Astronomy

LEVEL(s): yr 7 - 13



LESSON FOCUS

Astronomers, inventions and discoveries that have contributed to our present day understanding of space.

SPECIFIC LEARNING OUTCOMES

At the end of this lesson the students will be able to:

- 1) Demonstrate an understanding of important astronomers and their discoveries.
- 2) Discuss pivotal discoveries which changed our understanding of our environment.
- 3) Discuss the impact that inventions and discoveries have on our wider environment.

LEARNING ACTIVITIES

- **Astronomers:** (yrs 7 - 13, approx 10 - 20 mins)
Students learn about some of the most important astronomers throughout history. There will be brief discussions on each astronomer's role in changing our understanding of space. To reinforce these ideas, paper slips are handed out to each student with different discoveries written on them. Students participate in an activity to match astronomers to the discovery which is attributed to them.
- **Inventions/Discoveries:** (yrs 7 - 13, approx 10 - 20 mins)
A presentation is given of some important inventions and discoveries throughout the history of astronomy. After the presentation we lead a discussion on the impact that these inventions and discoveries have had on our perception of our wider environment.

CURRICULUM LINKS:

SCIENCE: Planet Earth and Beyond • Astronomical systems	SCIENCE: Physical World • Physical inquiry and physics concepts	SOCIAL SCIENCES: History
SCIENCE: Planet Earth and Beyond • Earth systems	SCIENCE: Physical World • Using physics	SOCIAL SCIENCES: Geography

KEY COMPETENCIES

- Thinking Using language, symbols and texts Managing Self
 Relating to Others Participating and Contributing

PRIOR KNOWLEDGE AND EXPERIENCES

- Non required