

# E16 Telescopes

LEVEL(s): yr 10+



## LESSON FOCUS

- Different types of telescopes and how they work.

## SPECIFIC LEARNING OUTCOMES

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

- 1) Identify different types of telescopes and what they detect.
- 2) Discuss differences in telescope types.
- 3) Discuss how telescopes enhance our vision.

## LEARNING ACTIVITIES

- **Telescope Presentation:** (yrs 10+)
  - An educator-lead presentation showing different types of telescopes, their designs, and how they can be used to view the night sky.
  - Telescope Demonstration-demonstrates telescopes that we have here at the observatory.

## CURRICULUM LINKS

**SCIENCE:** Physical World

- Physical Inquiry and Physics Concepts

**TECHNOLOGY:** Technological Knowledge, Nature of Technology

## KEY COMPETENCIES

Thinking

Using language, symbols and texts

Managing Self

Relating to Others

Participating and Contributing

## PRIOR KNOWLEDGE AND EXPERIENCES

- Some previous learning about light, refraction, and reflection is preferred