

When Will the Sun Go Out?

Session 3 (p24-33)

LI: Build on and justify your opinions

During Reading

Read p24-27 and answer the following questions in full sentences.

1. Name the five dwarf planets (p24).
2. Why are dwarf planets so hard to spot? (p24)
3. Compare dwarf planets to normal planets:
 - a. Write one similarity between them (p24).
 - b. Write one difference between them (p24).
4. What is one difference between planets and moons? (p24)
5. Look at the table on p24 and answer the following:
 - a. When was Makemake discovered?
 - b. What dwarf planet was discovered in 1801?
 - c. Write one fact about Pluto.
 - d. How long does it take Eris to orbit the sun?
6. Why is Pluto no longer regarded as a planet? Write two reasons (p25).
7. What year was Pluto downgraded to a dwarf planet? (p25)
8. What are the following:
 - a. Asteroid belt? (p26)
 - b. Meteorite? (p27)
9. Why do you think asteroids could cause big trouble? (p26)
10. What are comets sometimes called? (p27)

After Reading

- Read to the end of the text.
- Create a poster which summarises the information about the Universe on p30-31.
- Choose 5 words from the glossary on p32 and write what page the words are used on in the text.
- Answer Bug Questions on p25 and 31