

# Space — Revision Booklet

Name:

Date:

**INQUIRY****Key facts about the solar system, gravity, stars, and exploration.**

Discuss with your partner. Write your initial ideas below:

## Key Vocabulary

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Term	Definition
<b>Rocky planets</b>	Mercury, Venus, Earth, Mars. Close to Sun.
<b>Gas giants</b>	Jupiter, Saturn, Uranus, Neptune. Far from Sun.
<b>Seasons</b>	Caused by Earth's 23.5 degree tilt.
<b><math>W = mg</math></b>	Weight = mass x gravitational field strength.
<b>Light year</b>	$9.46 \times 10^{12}$ km.

## Key Ideas

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1. Weight of 50 kg on Mars ( $g=3.7$ ). [1 marks]

Show your working: