

Approach: Station

Focus: Solar system

Resources: Picture in recording book

Kupu: waka ātea = space ship aorangi = planet tō ā-papa = gravity

Questions / instructions:

Whakaarohia e haere ana koe mā runga waka ātea.

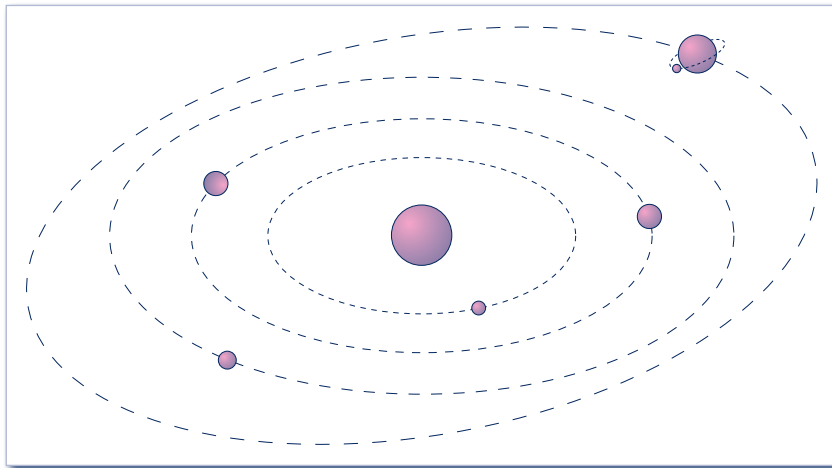
Imagine you are going for a trip in a spaceship.

He pikitia tēnei o ngā wāhi e haere ai koe.

The picture shows the places you will visit.

E kitea ana tētahi rā, e rima ngā aorangi me tētahi marama.

There is a sun, five planets and a moon.



	% responses		% responses
1. Tuhia te tau (nama) 1 ki te taha o te whetū. Write number one beside the star.		6. He aha ētahi atu mea e noho ana ki te ātea, engari kāore e kitea ana i tēnei pikitia. What other things aren't in this picture that you might expect to find in space?	
sphere in middle	52	comets	13
2. Tuhia te tau (nama) 2 ki te taha o te aorangi makariri rawa atu. Write number two beside the coldest planet.		meteors	8
furthest planet	38	asteroids	10
3. Tuhia te tau (nama) 3 ki te taha o te aorangi he roa rawa atu tōna tau. Write number three beside the planet with the longest year.		satellites/rockets/spaceships	2
furthest planet	42	black holes	0
4. Tuhia te tau (nama) 4 ki te taha o te aorangi he kaha rawa atu te tō ā-papa (kume ā-papa). Write number four beside the planet with the strongest gravity.		other stars/constellations	25
furthest planet	12	other valid response	58
5. Tuhia te tau (nama) 5 ki te taha o te marama. Write number five beside the moon.		Total score:	
moon of furthest planet	35	8–12	0
		6–7	4
		4–5	33
		2–3	40
		0–1	23

Commentary:

Most students showed quite limited understanding of planetary systems.