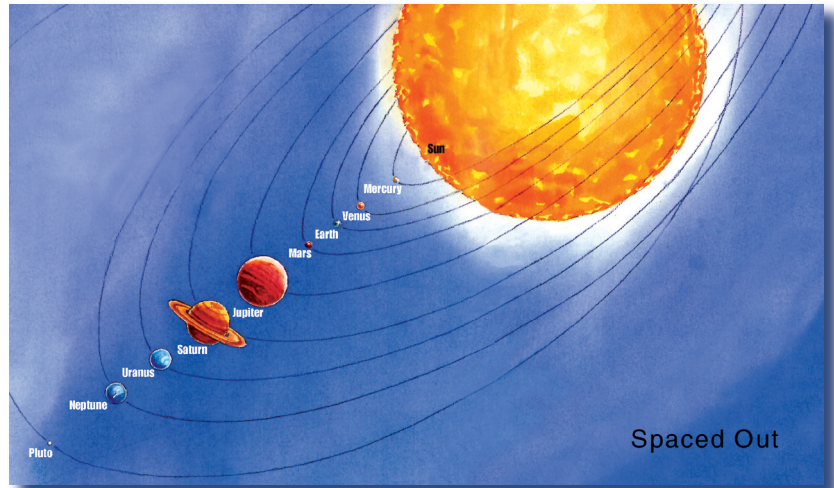


Approach: One to one  
 Focus: Solar system  
 Resources: Diagram of solar system

**Questions / instructions:**

Here is a diagram which shows our solar system.

Give student diagram.



Spaced Out

1. What do you think would happen if planet Earth was the furthest planet from the sun?

- darker 14 (20)
- colder 80 (79)
- longer years 1 (1)
- uninhabitable (without above reasons) 6 (9)

2. Is there something you can tell me that is true for all of these planets?

PROMPT: *Is there something that is the same for all of these planets?*

- share (rotate around) same sun 14 (12)
- are in same solar system and galaxy 4 (2)
- are mainly solid bodies 0 (1)
- are approximately round/spheres 17 (27)
- all have some gravity 1 (1)

3. On planet Earth we have gravity. What do you think gravity is?

- an attractive force which objects exert on other objects 0 (1)
- a force which pulls people/things down to earth 55 (55)

4. What would it be like if there was no gravity on Earth?

- people/objects would not weigh anything 2 (1)
- people/objects would fly off into space 68 (64)
- Earth would lose its atmosphere/water 7 (7)

<b>Total score:</b>	<b>5-14</b>	7 (14)
	4	21 (21)
	3	33 (25)
	2	17 (13)
	1	15 (21)
	0	7 (6)

**Commentary:**

Overall, there is very little change between 1999 and 2003.