Year 4 Science: Day, night and shadows: modelling the Sun and Earth

Name: _____ Date: _____

Try these without your notes first, then check the answer key.

Practice

1. At midday, is your shadow long or short?

2. In the morning in New Zealand, which way do shadows point: towards the east side or the west side?

3. Which half of Earth has daytime?

4. What causes day and night?

5. It is midday in New Zealand. Is it day or night on the opposite side of Earth?

6. In the torch-and-ball model, what does one full turn of the ball stand for?

Fix the mistake

7. Correct this statement: "Night happens because the Sun goes around to the other side of Earth."

8. Correct this statement: "Day and night happen because Earth goes around the Sun."

9. Correct this statement: "Shadows are longest at midday, when the Sun is strongest."