

## CurriculumVisions Lesson

Students: fill in next to the word answer and return the document for assessment.

### Science

Book: Earth and beyond (5E)

Pages 4-9

Everything here is based on our Curriculum Visions book Earth and beyond (5E).

#### Part 1

In this segment, we are going to learn more about our planet - Earth.

You will need to go to pages 4-5 of the book. Draw a picture, or make a model, of our solar system. Make sure you show the order of the planets from the sun.

Students own answers.....

Go to pages 6-7. What causes daylight, sunset and night?

Answers.....

The spinning of the earth. As the earth spins, different parts of it are facing towards the sun or away from the sun, so different parts are lit up (daylight). As that part moves away from the sun, it grows darker, until night, when that part of the earth is facing away from the sun.

How long does it take the earth to spin around completely 1 time?

Answer.....

24 hours

Go to pages 8-9. What causes the seasons?

Answers.....

As the earth moves around the sun, it is also tilted, so that one part of the earth is facing more directly into the sunlight. This is summer. At the same time, the other part is facing directly away from the sunlight - this is winter. Spring and autumn are when the earth is in between - facing partly towards or partly away from the sun.

How long does it take the earth to travel around the sun completely 1 time?

Answer.....

1 year (just over 365 days)

If you are interested in this topic, continue to browse the book and watch our amazing videos. They start right on the book cover.