

CurriculumVisions Lesson

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

Science

Book: Light and shadows (3F)

Pages 4-11

Everything here is based on our Curriculum Visions book Light and shadows (3F).

In this segment, we are going to think about some sources of light.

You will need to go to pages 4-5 of the book.

Part 1

Why does the light from the Sun seem so bright, even though the Sun is far away? Why does the light from a lamp seem bright, even though it is small?

Answers.....

The light from the Sun is bright because the Sun is very big and strong.

The light from a strong lamp is bright because the lamp is close.

Go to pages 6-7. Look around your classroom or your home. Write down all the sources of light that you can find. Write down whether they are artificial or natural.

Answers may include.....

Natural: sunlight (through a window), moonlight (through a window),

Artificial: lamps, ceiling lights, candles, torch (maybe also street lamps)

Go to pages 8-9

Why don't we use very strong lights to light up cities very brightly at night?

Answers.....

Because these are very expensive to use.

Go to pages 10-11

Design an experiment or demonstration to show that light travels in beams. If your teacher approves, carry out your demonstration.

Answers will vary.....

Students should see the example of page 11.

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