

Science
Using resources wisely
Book: Caring for our environment
Pages 22-31

Students: Fill in the answers and return for assessment

Everything here is based on our Curriculum Visions book Caring for our environment.

In this segment, we are going to learn how to use resources better, so we can save energy and water.

You will need to go to pages 22-23 of the book.

Part 1

Take a look around your house or classroom. Make a list of different kinds of resources you use. For example, what is made of plastic? What do you throw away after using? What types of energy are used? What materials is your home and furniture made from? How many different types of materials can you find?

Answer ...

Students' own answers.

Now turn to pages 24-25 of the book.

Part 2

Choose a device that uses electricity, such as a cooker, microwave, computer, mobile phone, etc. List all of the materials that are used to make all the parts of the device, where they come from, where the electricity for running the device comes from, and any pollution that is produced in making or running the device.

Answer ...

Students' own answers. You may want to do this as a whole class activity or have the students work in groups and report on their answers. They may need to do some research in order to find some of the answers, but keep in mind that students are not necessarily expected to have a completely comprehensive answer - they should get the idea that everything they use involves a lot of materials, energy and pollution.

Now turn to pages 26-27 of the book.

Part 3

Read the text, then make a survey of your home or classroom that lists ways of saving energy. Focus on solutions that are practical and are not expensive.

Answer ...

Students' own answers. You may want to do this as a whole class activity or have the students work in groups and report on their answers.

Now turn to pages 28-29 of the book.

Part 4

How can planting trees help some people save energy?

Answer ...

The trees protect the soil from washing away, add nutrients to the soil, can be used for fuel, allows the land to produce more food, more food for animals

Now turn to pages 30-31 of the book.

Part 5

List some ways that farms, water companies and individuals or families can help save water.

Answer ...

Farmers: use sprinklers or drip water systems

Water companies: repair leaky pipes quickly, clean water and reuse it

Individuals or families: use low-flow toilets, take showers instead of baths, don't water grass, only flowers

That is the end of this worksheet, and you can now turn to another one. Also, find out if your teacher has left you any other worksheets or special instructions on your school website.

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

Or you may want to see related books. If so just go to the top of the screen, select science, and from the page that opens choose Caring for our environment.