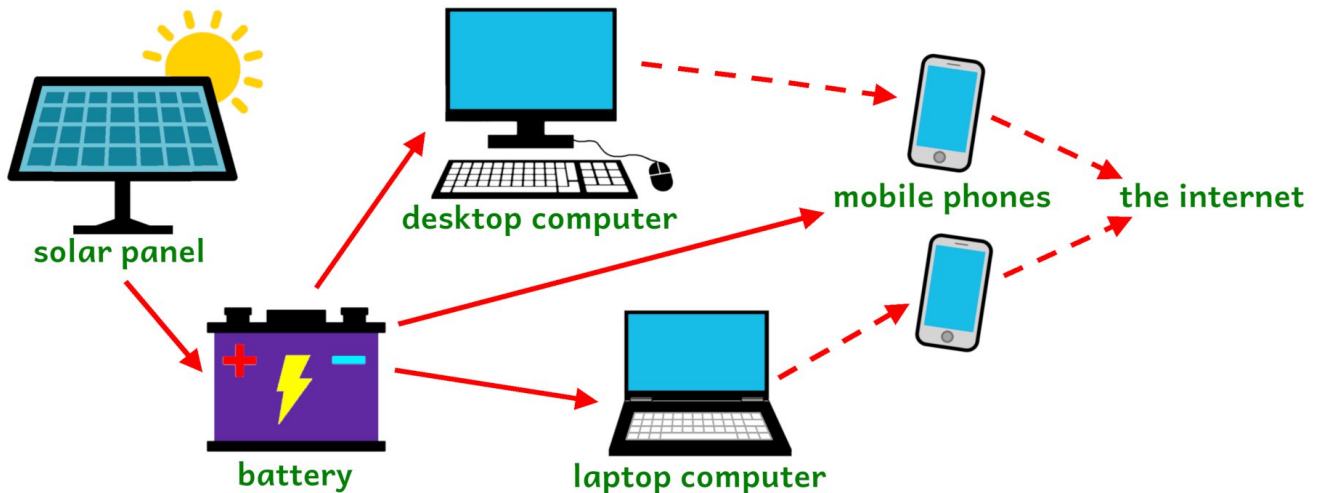


2. Electricity from the sun

Look at the picture. What does it show? Read and say the words.



Now read the story and answer the questions.

Anoona's cousin Zanele has an internet café in their village. Anoona was helping her with a plan for growing the internet café business. They were talking about solar power. Zanele explained the system to Anoona.

"The solar power charges a battery. The battery powers the computers. The computers are connected to mobile phones, and the mobile phones are connected to the internet. But often there isn't enough power, especially when it's cloudy. If I get another computer, I'm going to need more power. And with another computer, I'll need another phone. I'll need more power for that, too. How can I get more solar power? And it's not just me. Everybody in the village would love to have it."

"Maybe there are some organisations that help with solar power in places like this that don't have electricity," said Anoona.



"How can we find out about them?" asked Zanele.

"We can try looking on the internet," Anoona replied. "This is an internet café!"

"Yes, of course! What shall we search for?"

"Let's start with 'solar power Zimbabwe' and see what we find. That might be helpful, or we might have to try some different words."

"OK, we'll start with that," said Zanele.

Are the sentences true or false?

1. All the electricity in Zanele's internet café comes from solar power.
2. The internet café already has enough power.
3. If she gets another computer, Zanele also needs to get another mobile phone.
4. Other people in the village want solar power too.
5. Zanele and Anoona already know a lot about an organisation that helps with solar power.
6. They are going to search for useful information on the internet.

Read the words below. What do they mean? Write them into the spaces.

battery power panel lights charge sunlight wire

How does solar power work?

Inside each solar _____, there are many small pieces called cells. When _____ hits the cells, they change the light into electricity. The electricity from the solar panel goes along a _____ into a _____. The battery stores the electricity, so you can have _____ in the day and in the night. You can use it for _____ and to _____ a phone.

