

A RENEWABLE



32

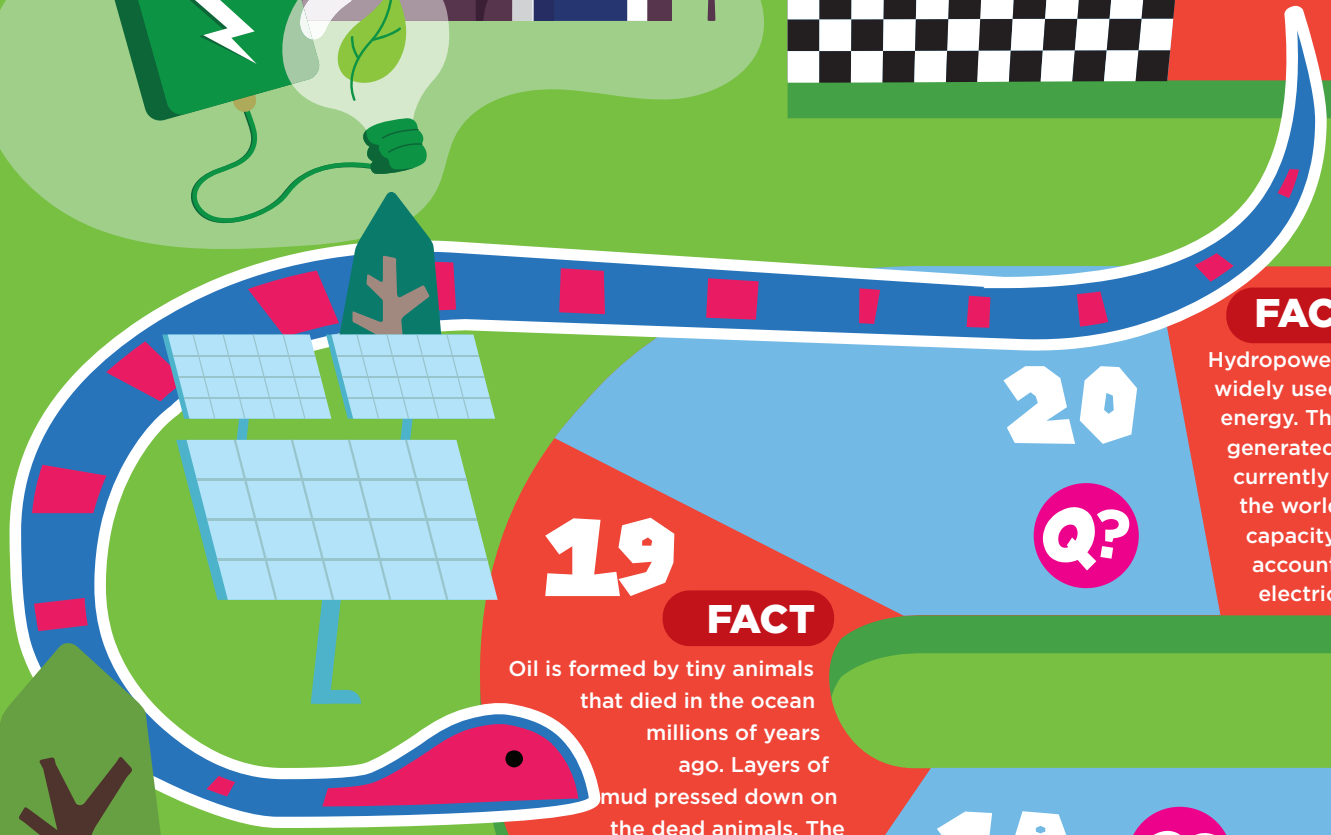
31

FACT

A 10-minute shower, as opposed to filling the tub for a bath, can save as much as 25 to 30 gallons of water each time.

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Q?



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Q?

FACT

Hydropower (water) is the most widely used type of renewable energy. This form of energy is generated by dams, and it currently generates over 54% of the world's renewable energy capacity. And that, in turn, accounts for 18% of the world's electricity.

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FACT

Oil is formed by tiny animals that died in the ocean millions of years ago. Layers of mud pressed down on the dead animals. The mud eventually turned to rock. This rock put a lot of pressure on the dead animals.

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Q?

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FACT

Fossil fuels (oil, natural gas, coal) are produced

Q?

ENERGY FUTURE



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FACT

Opening the door and letting the cold air out makes your air conditioner work much harder!

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FACT

Leaving a 40w incandescent light on for an extra hour uses about .04 kilowatt hours. That may not sound like much, but Mom or Dad would have to ride a bike for almost two and a half days to recreate that energy.

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FACT

According to the International Energy Agency, solar power is set to be the number one power source by 2050.

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FACT

Compact Fluorescent Lightbulbs (CFL) consume up to 80% less

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FACT



by deposits of ancient plants and animals

Q?

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FACT

Hydroelectricity is created by the force of falling water which turns giant turbines to generate electricity and found inside of dams

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Q?

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Q?

FACT

The average on-land wind turbine (2.5-3MW capacity) can produce enough electricity to power 1,500 average homes. While offshore wind turbines have the capacity to power an impressive 3,312 households!

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FACT

Electricity is the flow of electrons generated by converting energy from sources like coal, wind, nuclear, etc. Electricity is what powers our modern world and it's what helps power our appliances. Electricity is used in light - over 186,000



electricity than a standard lightbulb.

FACT

Renewable resources are resources which can be replaced in our lifetime through natural processes.

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Q?

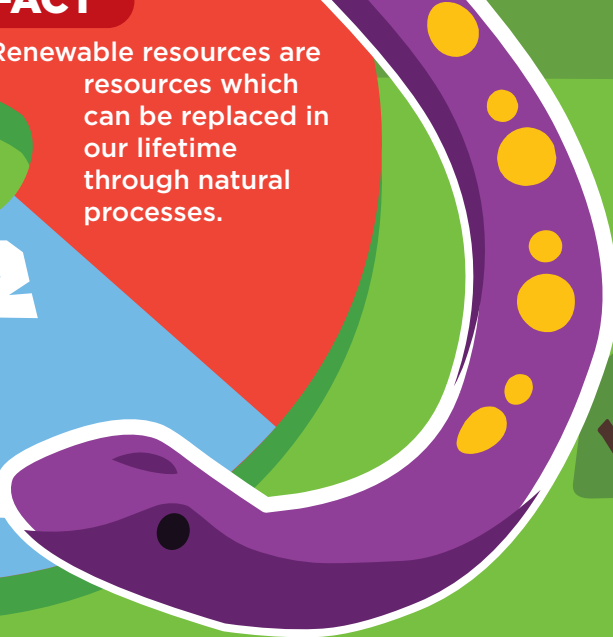
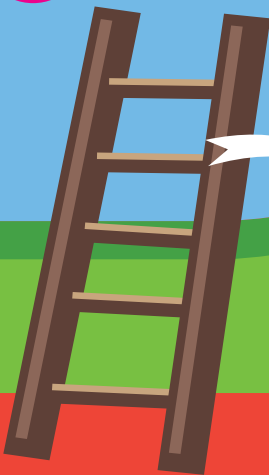
FACT

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12. It is good safety practice to unplug device chargers when not in use, and it also saves energy. "Phantom energy" is the electricity that's absorbed by appliances from the grid, even when they are not turned on.

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flow of electrons converting a primary resource, nuclear, or solar into energy. carries energy to your home, power your lights and electricity travels at the speed of 180,000 miles per second.

Q?

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FACT

Solar energy is created when the sun's rays are converted into electricity. 60 minutes of solar energy could power the Earth for a year!

1



START

