

Aim

- I can identify appliances that run on electricity.
- I can describe how Thomas Edison's inventions changed people's lives.

Success Criteria

- I can identify appliances that run on electricity.
- I can describe what Thomas Edison invented.
- I can explain how his inventions changed people's lives.

Electrical Appliances



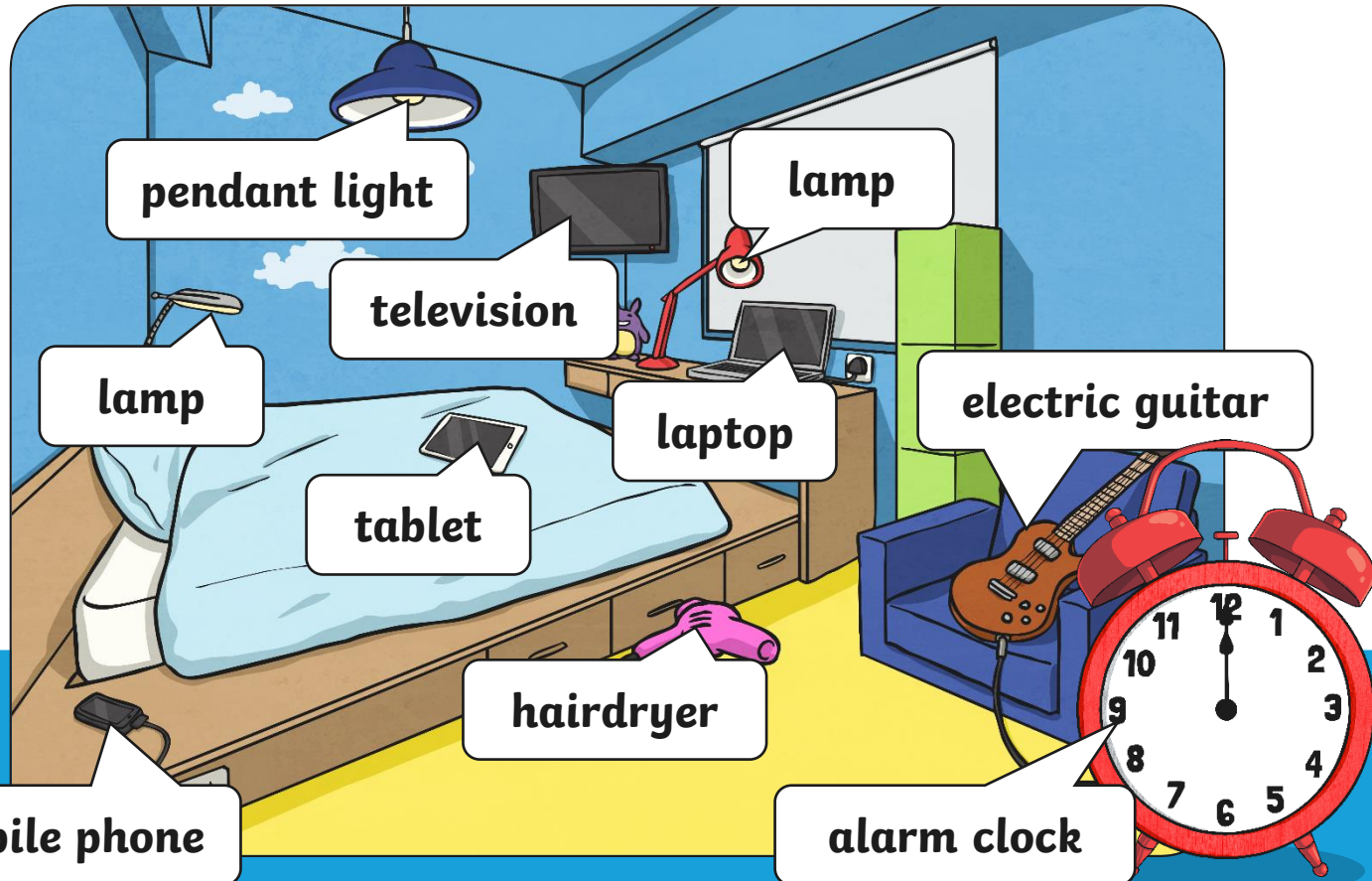
Can you identify all the electrical appliances in this room?



Electrical Appliances



How many electrical appliances did you spot?



pendant light

lamp

television

lamp

laptop

electric guitar

tablet

hairdryer

mobile phone

alarm clock

What If?



What if there was no electricity?

Discuss this question with your partner.

Though many scientists contributed to the discovery of electricity and the invention of electrical items, one scientist in particular made it possible for people like us to enjoy the benefits of electricity in our homes. That scientist was **Thomas Edison**.



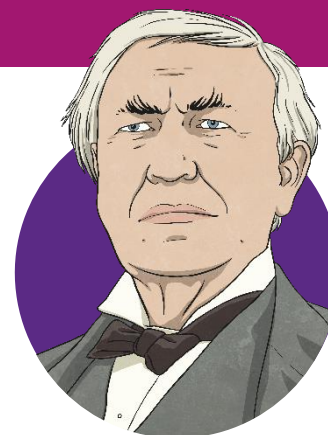
Thomas Edison

Thomas Edison was born in 1847 and died in 1931.

He was an American inventor and businessman.

Thomas didn't settle into school well because he was very easily distracted. He was too much of a daydreamer and was often in trouble with his teacher. After three months, his mother decided to homeschool him instead.

At the age of twelve, Thomas began to work on a train, selling newspapers and snacks. He loved doing experiments and even conducted some while at work!



Thomas Edison

Edison made his first invention when he was 22.

Later in his life, he was known as **'The Wizard'** because his inventions were so amazing.

Many of his inventions were not new, but he developed and improved other people's inventions.

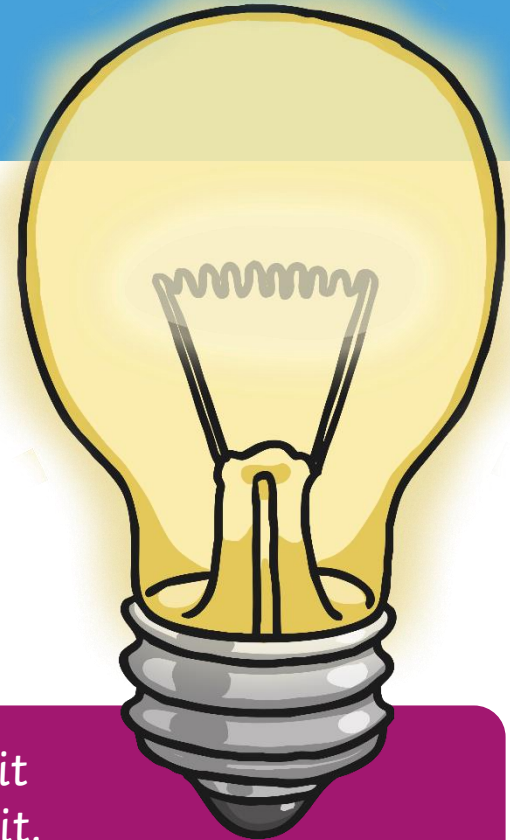


Edison and Electricity

Edison's most famous invention was the light bulb. However, he did not actually invent it!

The light bulb had already been invented, but it burnt out quickly and could not provide light for very long, so it was not very useful.

Edison created a new light bulb that would stay lit for a long time, so that people could benefit from it.



Edison and Electricity

He also invented a carbon microphone for Alexander Graham Bell's telephone, which meant that conversations over the telephone could be heard much better.

Edison made what many consider to be his greatest achievement in the early 1880s. He introduced the world's first truly useful electric distribution system, which could distribute electric light, heat and power.

This invention made it possible for electricity to be used in people's homes for the first time and changed the world forever.

