

Steve Jobs

Scientists and Inventors



Aim

- To explain how Steve Jobs used electronics to design computers.
- To design simple circuits.

Success Criteria

- I can answer questions about Steve Jobs' life and work.
- I can use recognised symbols to represent some components used to make computers.
- I can build a simple circuit.

Everyday Technology



Technology is a massive part of our lives. Talk to your partner about the electronic devices that your family own and the ways technology is used everyday.

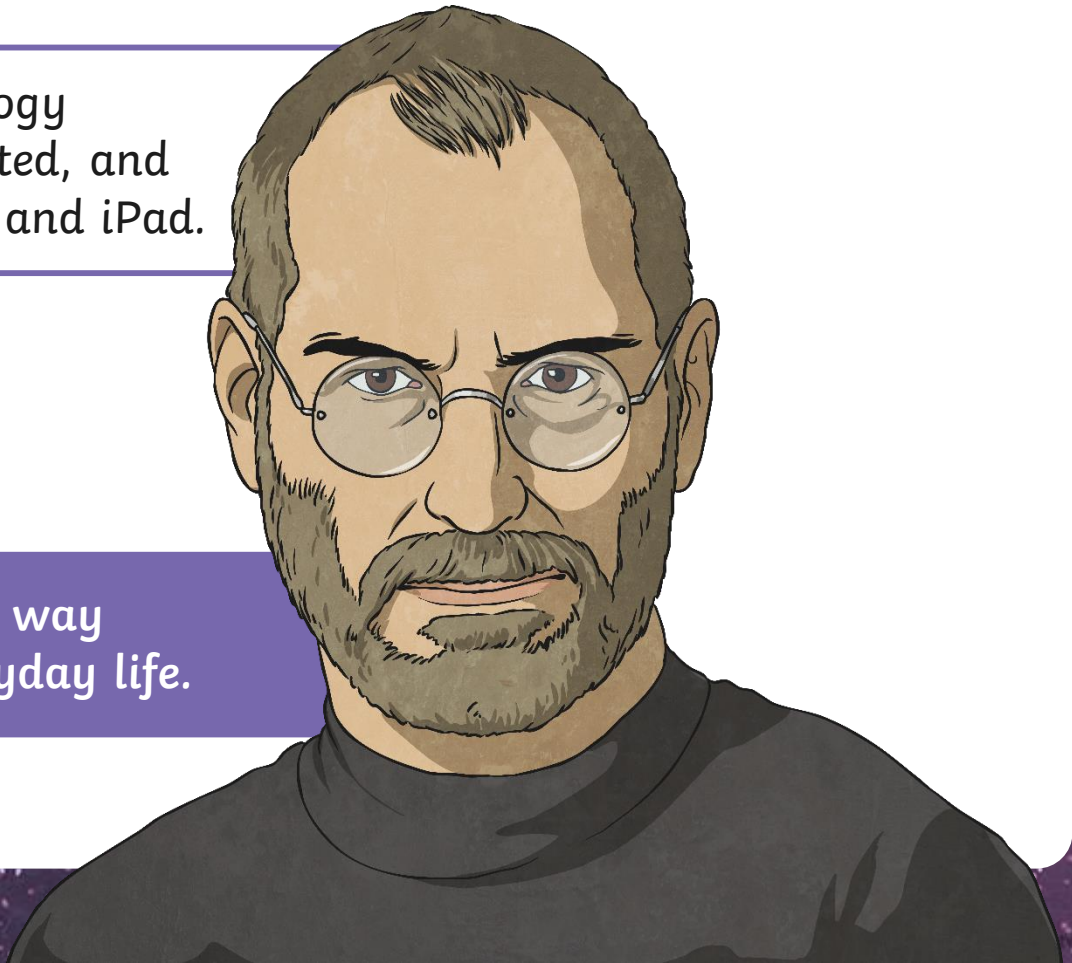


Steve Jobs

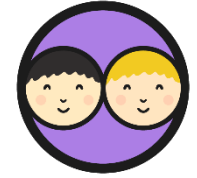
Steve Jobs was an innovator, inventor and entrepreneur who introduced new technologies to the public.

He co-founded the technology company, Apple Incorporated, and launched the iPod, iPhone and iPad.

These devices changed the way technology is used in everyday life.



Steve Jobs Comprehension



Read the **Steve Jobs Fact Sheet** to find out about his life and work.

Then answer the questions on the **Steve Jobs Comprehension Questions** sheet.



Steve Jobs

To understand how Steve Jobs used electronics to design computers.

Read the text carefully then answer these questions as fully as you can.

1. When and where was Steve Jobs born?

2. What did Steve like doing when he was a child?

3. What was Steve's friend called, and what was he good at?

4. What was the name of the company that Steve Jobs set up?

5. How do you know that Jobs was successful at making and selling computers?

6. When did Jobs resign from Apple?

7. Describe one thing that Jobs worked on after he left Apple.

8. Name two products that Jobs launched when he returned to Apple.

9. What do you think Steve Jobs would consider to be the best and worst moments in his career? Explain your reasons.

10. Use a dictionary to find out what 'entrepreneur' means. Do you agree that Steve Jobs was an entrepreneur? Give reasons for your opinion.

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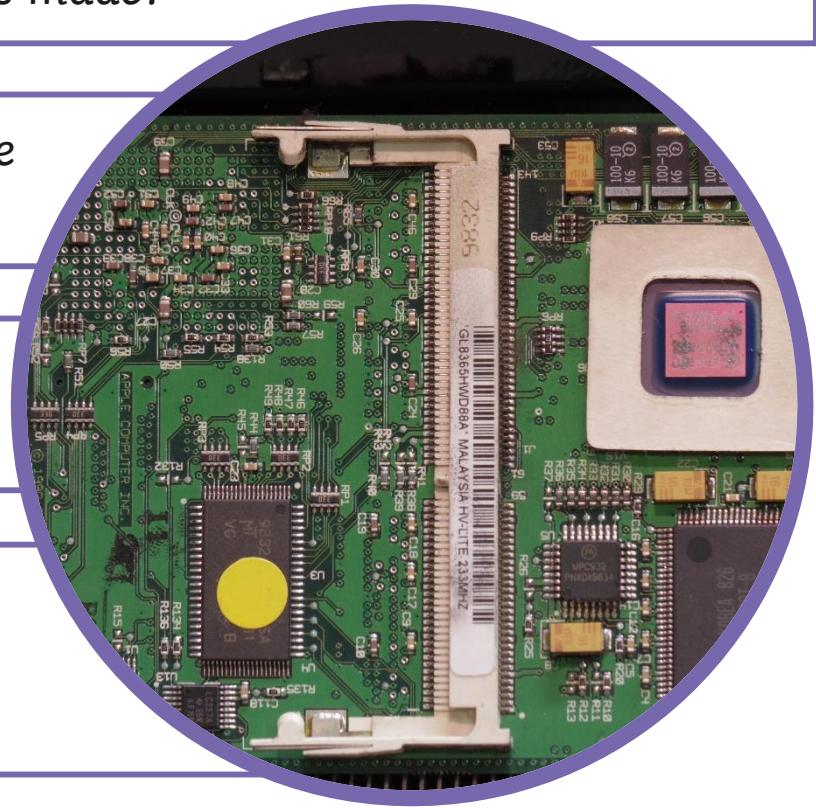
Computer Components

Steve Jobs designed the first Apple computer along with Steve Wozniak.
Can you imagine how a computer is made?

A computer is an electronic machine
that processes information.

It is made of different hardware,
including circuit boards.

These circuit boards contain
different electrical components.
They are extremely complex!



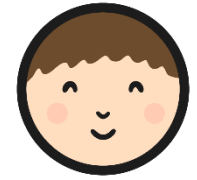
Computer Components

Despite the complexity of a computer circuit board, some of the components in a computer will be familiar to you.

- ◆ **battery** – Powers the computer, or parts of the computer.
- ◆ **switch** – Allows electrical current to flow or stop flowing.
- ◆ **motor** – Moves the disk drive and the cooling fans.
- ◆ **bulb** – Lights up when the computer is switched on.



Electric Circuits



- Use the **Electrical Circuit Activity Sheet** to make sure you are familiar with them.



battery













switch

- Do you know any more?

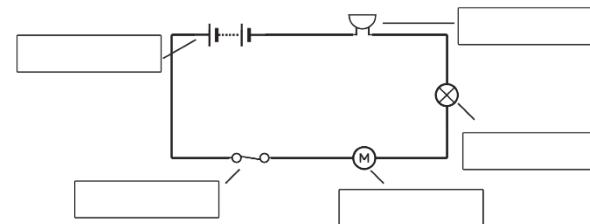
Electrical Circuit

S:

Electricity flows in a circuit from the negative pole of a battery to its positive pole. The flow of electricity creates an electric current. There is a symbol to represent each component in an electrical circuit.

 battery	 closed switch	 open switch	 cell	 voltmeter
 buzzer	 bulb	 bulb	 motor	 wire

Label the circuit below.



Life with Technology



◆ Steve Jobs introduced many new technologies onto the market, including Apple computers, the iPhone and the iPad.

◆ How have these technologies changed our lives? Talk to your partner about how life would be different without them.



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