Sample Chapter

Level Up

Through **Digital Discoveries** 1

Mc Graw Hill | binarylogic

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Hi! I'm Stella.
I will help you learn how to use your computer. Together we will explore new technologies. Turn on your computer and follow me!

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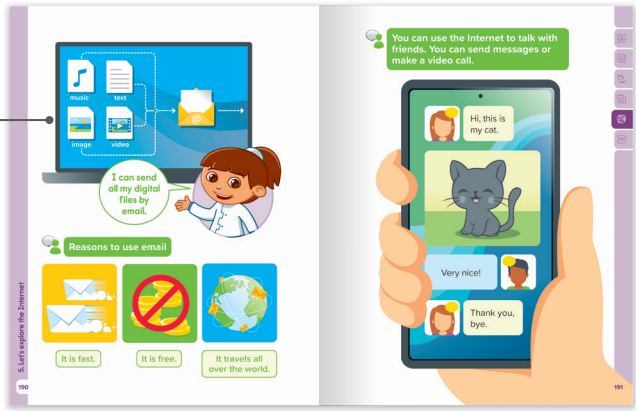
Key Features

An innovative approach to building digital competencies, developed by expert educators.

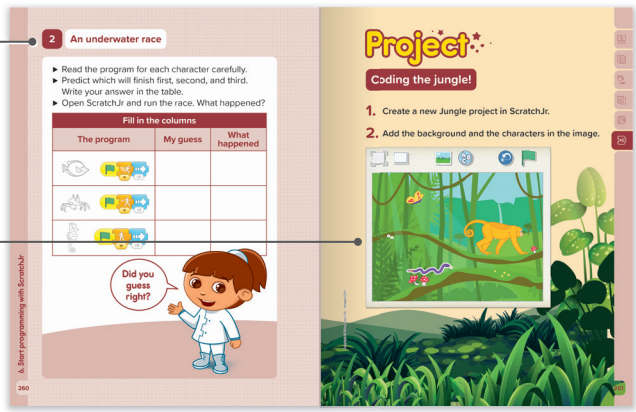
Each unit offers straightforward explanations and contemporary examples, making technology concepts accessible and relevant.



Curriculum aligns with the latest industry standards, preparing students for certifications and future careers.

Every unit includes a variety of tasks and activities designed to help students build essential digital competencies.

Projects and exercises throughout the course reinforce students' understanding and practical application of digital skills in real-world scenarios.



Well-defined learning goals and hands-on, applicable digital skills.

Students learn about platform diversity, expanding their digital toolkit and adaptability.

Each unit organizes key terms that are crucial for digital literacy, equipping students for today's technology-driven workplace.

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1. My computer

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Computers are all around us, and they help us in many ways. They help us learn new things, play games, and talk to our friends. This unit is all about computers, what they are, how they have changed over time, and how to make them work.

In this unit, you will:

- understand that computers have changed over time.
- understand what a computer is and how it helps people.
- identify the main parts of a computer.
- understand how the different computer parts connect to the system unit.
- identify parts of a computer mouse and what each part does.
- use the keyboard.
- control a computer in different ways.

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LESSON 1

History of computers

Have you ever used a computer? What do you think the first computer was like?

Cavepeople used their fingers to count.

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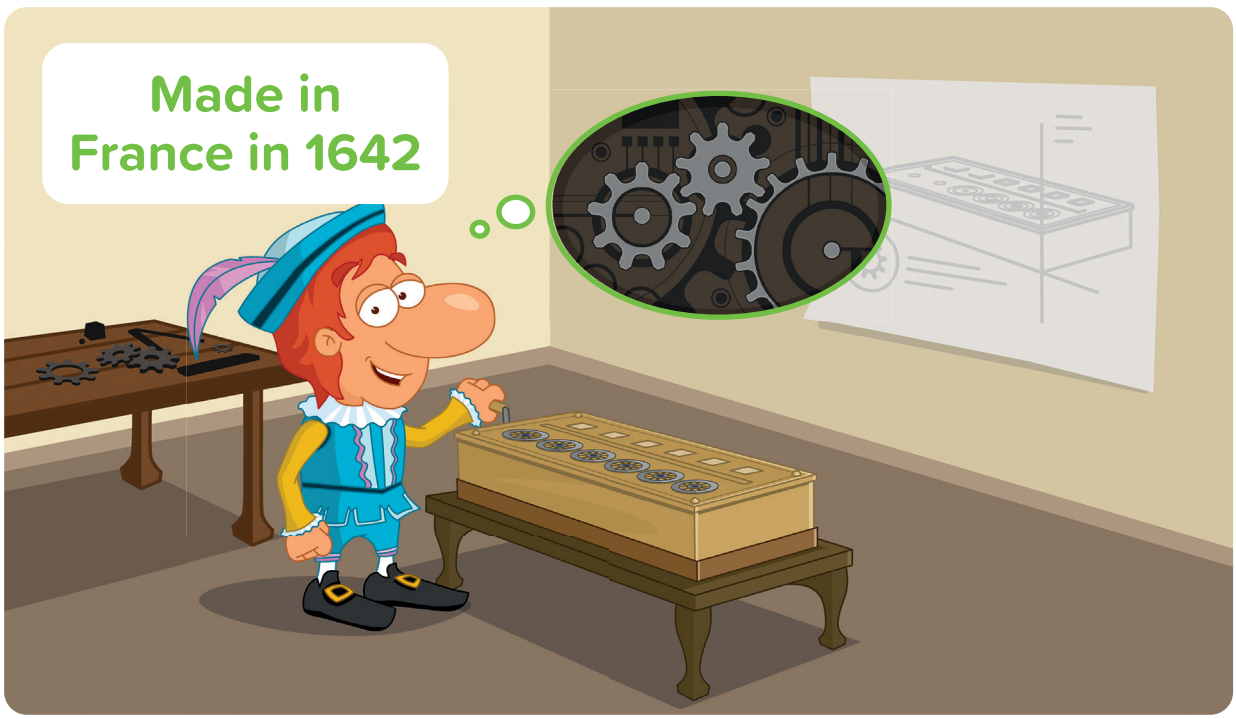
The first calculator was the abacus.

The first mechanical calculator



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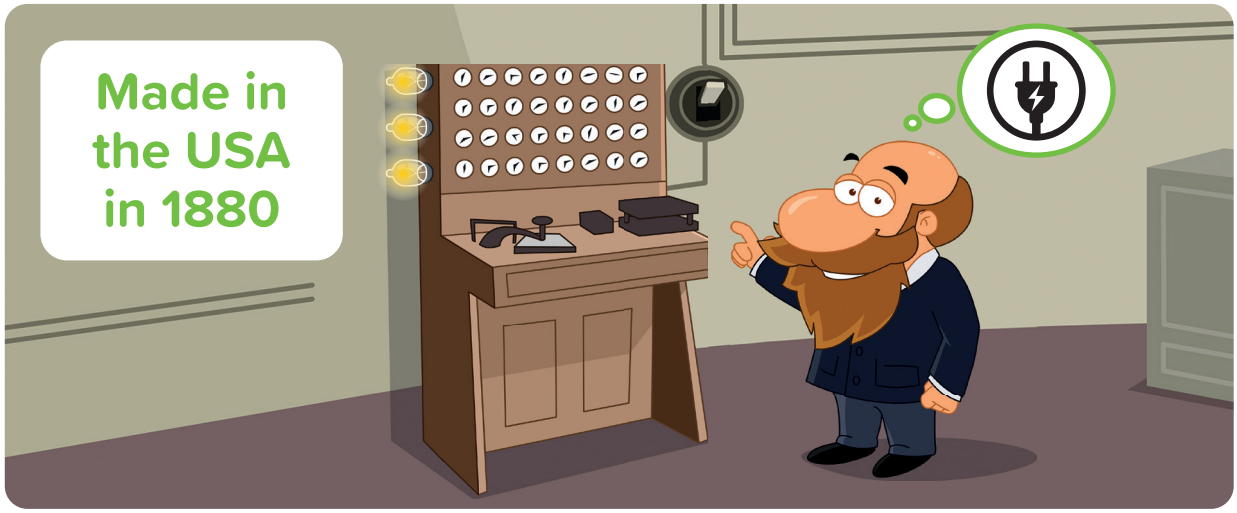
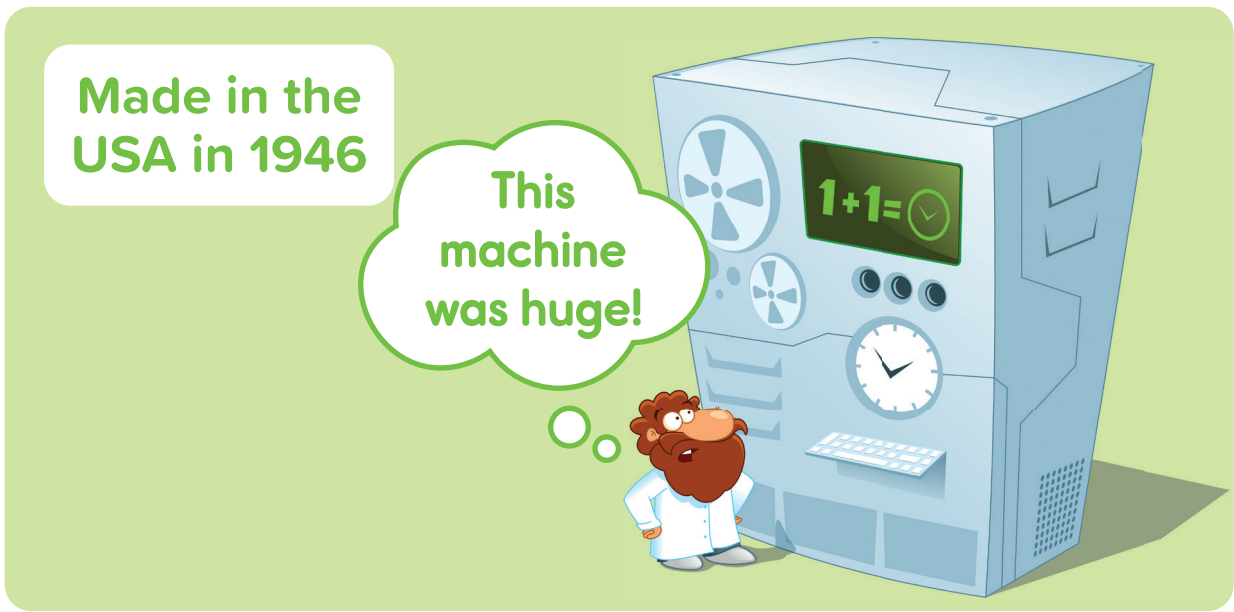
The first electric counting machine



The first electronic computer, called ENIAC



Is the ENIAC computer like the computers we use today?

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Later, more computers appeared. They were more like today's computers.

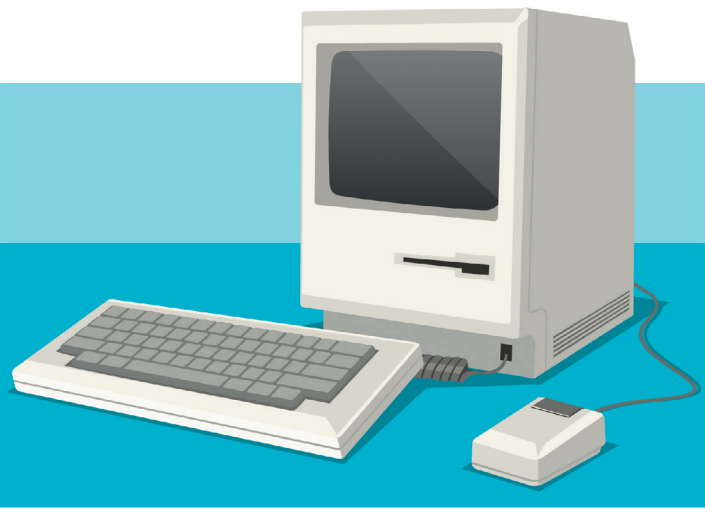
Commodore PET

1977

IBM PC

1981

Macintosh PC



1984

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Today, computers are small, light, and fast.

Desktop computer

Laptop

Tablet

Smartphone

Smartwatch

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Hands on!

1 Fill in the blanks.

4,000 years ago | Today | 1946

The abacus helps me to add and subtract.

_____

ENIAC was the first computer.

_____

This is a small, light, fast tablet.

_____

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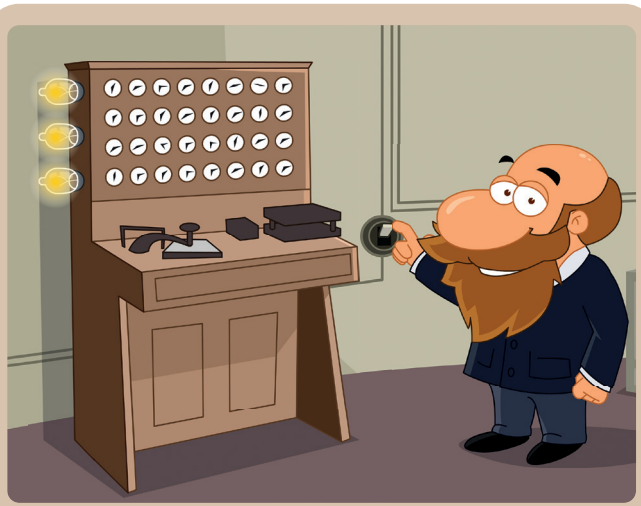
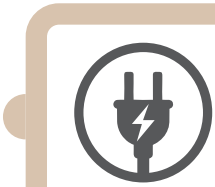
2 Draw a line to match the device with the type of energy.





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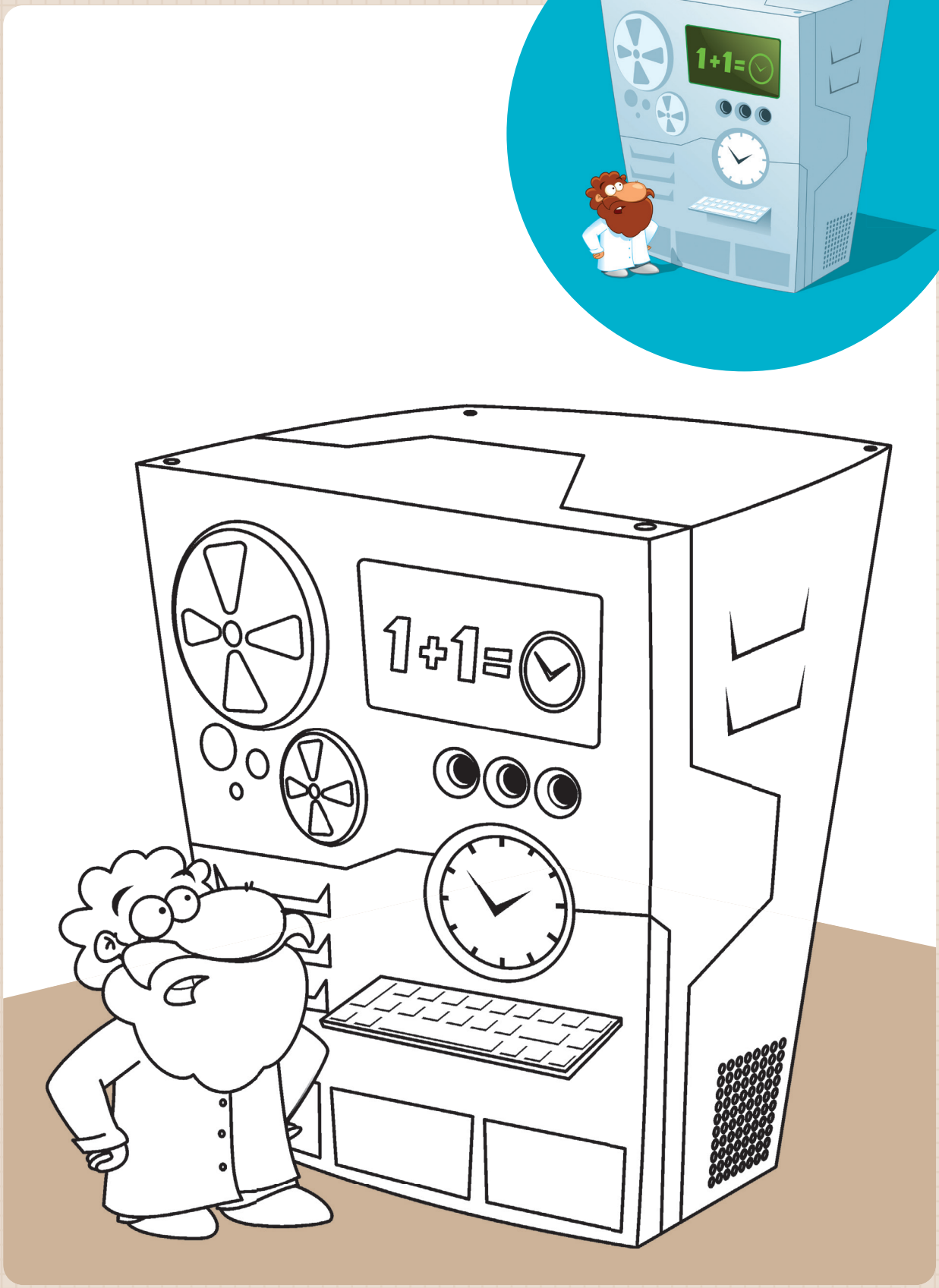
3 Color the image.



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4 Draw a line to match the words with the pictures.

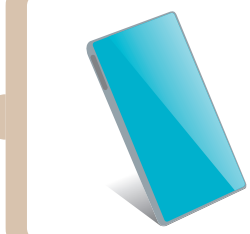
Laptop

Smartphone

Smartwatch

Tablet

Desktop computer



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LESSON 2

Computers in our lives

Where do you find computers every day?

Computers are all around us.

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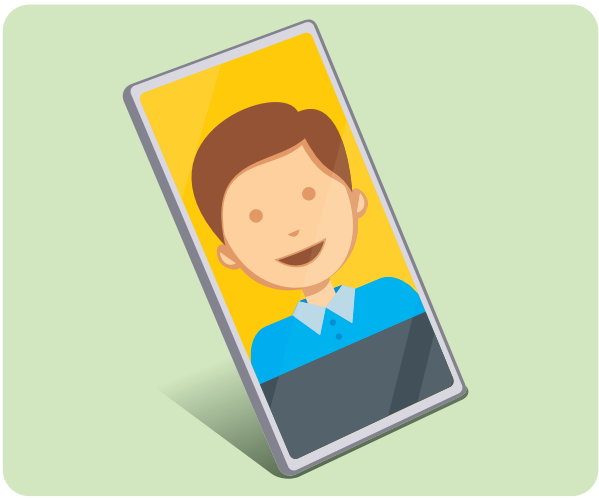
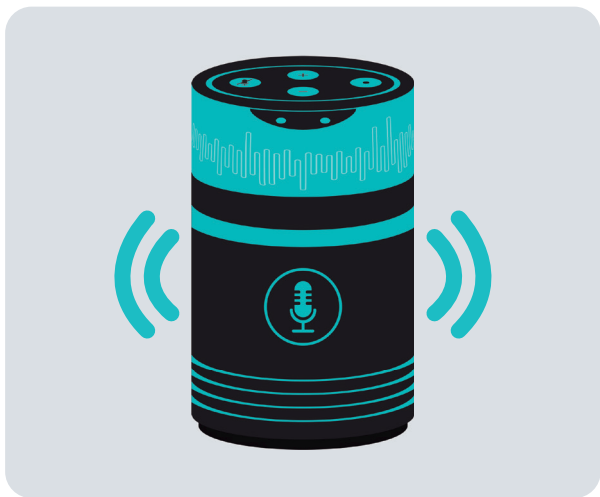
What is a computer?

A **computer** is a machine. It follows instructions to work. It can help us do many things.





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Computers are used in many places.

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In the school lab

Where else can you find a computer?

_____

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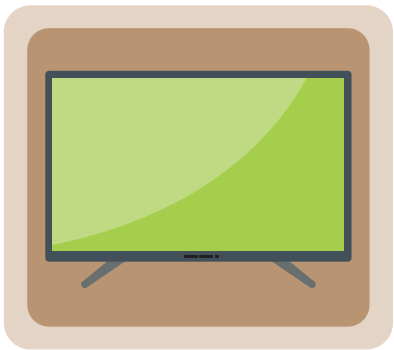
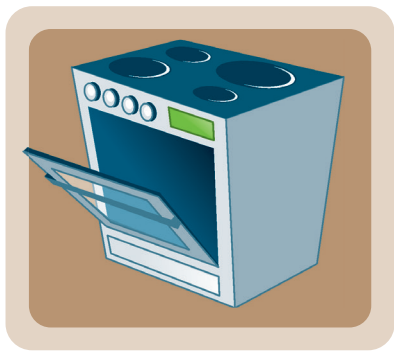
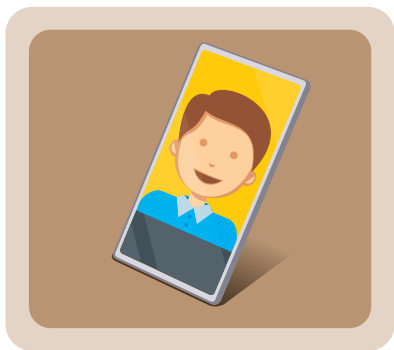
Hands on!

1 Put a check mark under all the computers.







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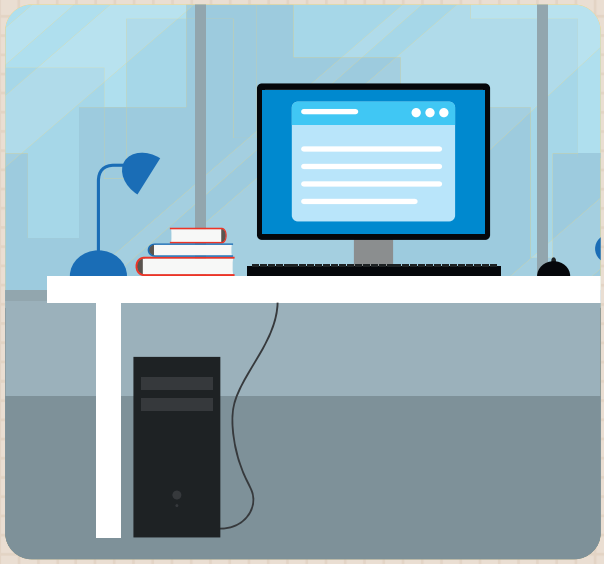
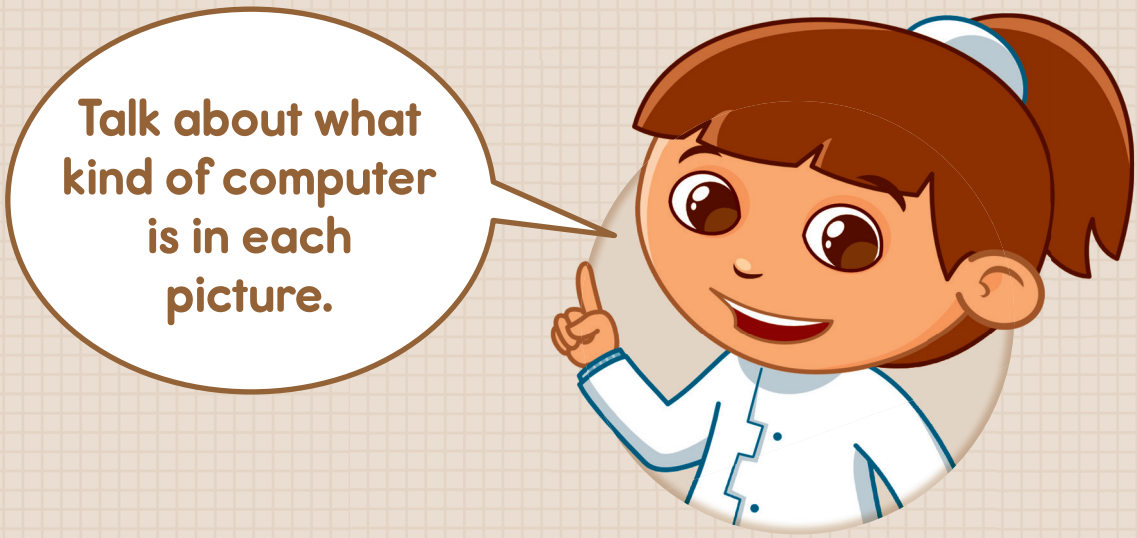
2 Find and circle the computer in each picture.





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3 Draw a line to match the words with the pictures.

Tells the way to go

Plays a movie

Plays a game

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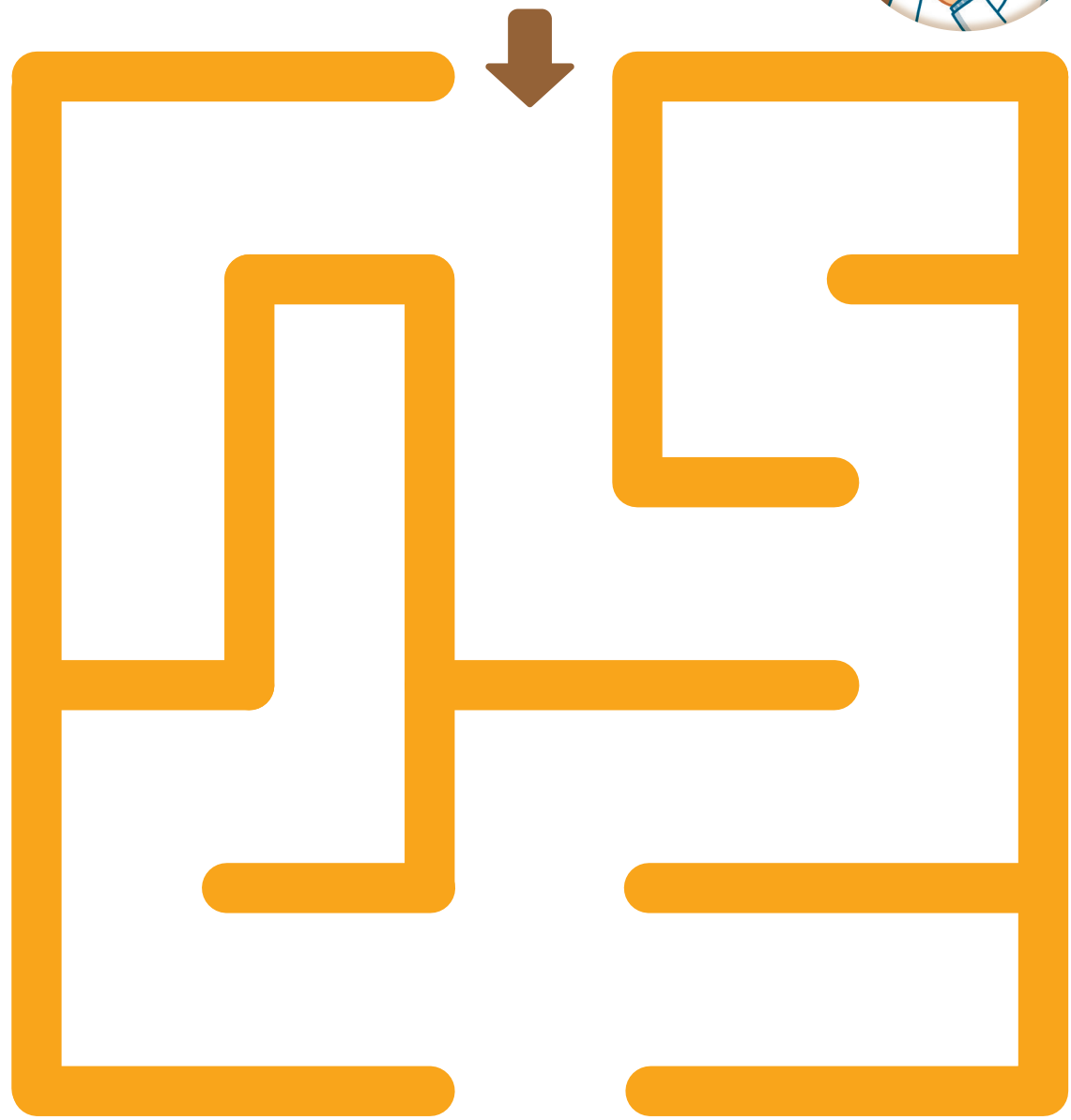
4 Find the path.

Help Tom reach the computers.



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LESSON 3

The computer

What do you think a desktop computer can do?

The parts of my computer

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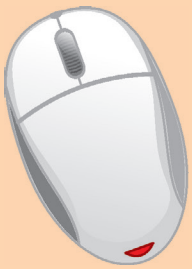
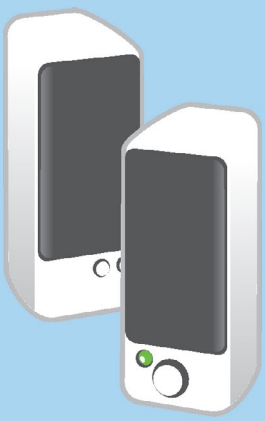
monitor

system unit



mouse

keyboard



speakers

printer

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Computer connections

Have you ever seen computer parts that are connected without using cables?

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Be careful when handling cables.

Which computer part connects all the others?

_____

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Hands on!

1 Circle the parts of a computer.

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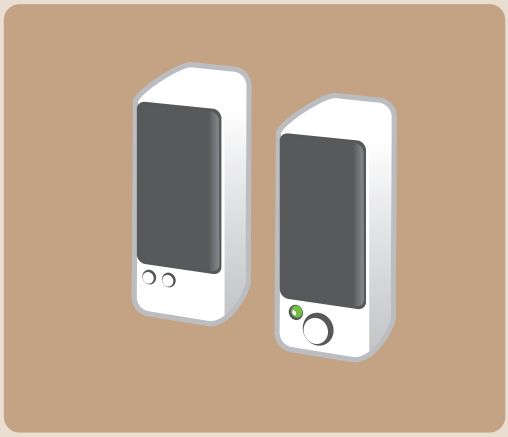
2 Put a check mark under the computer part that:

▶ you use to type.



▶ you use to play videos.

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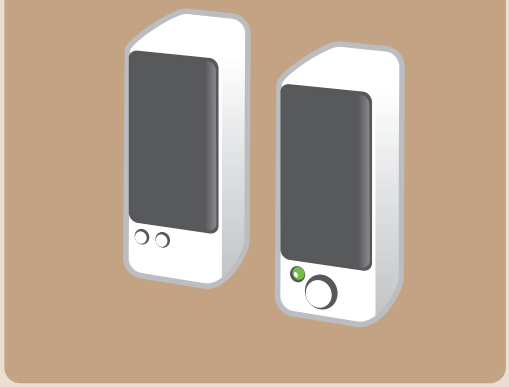
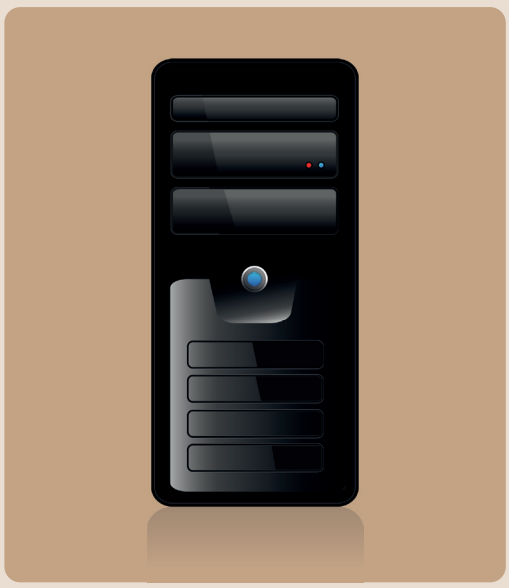
▶ you use to listen to music.



▶ helps the computer work.



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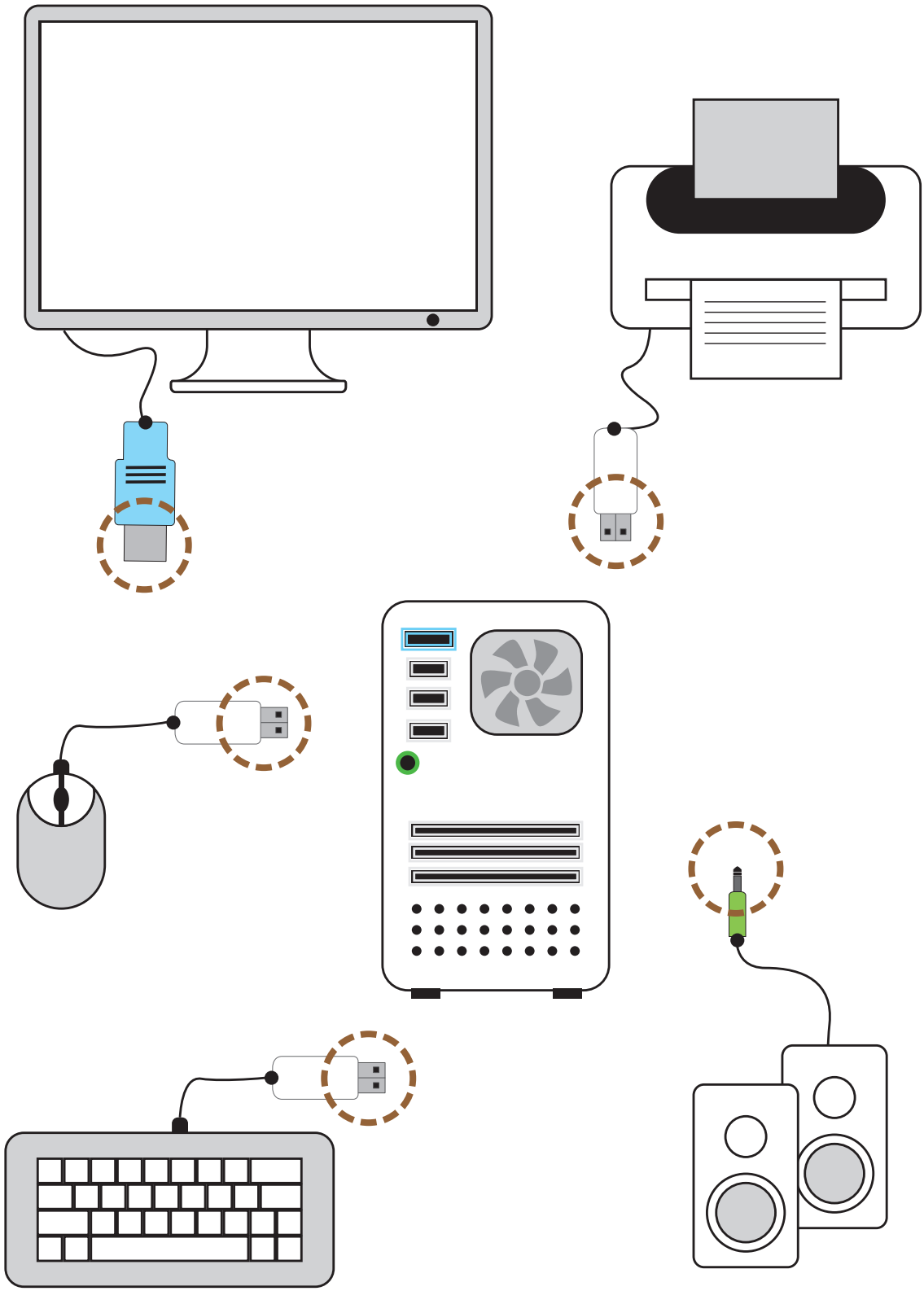
3 Draw lines to connect the computer parts.



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LESSON 4

Click and type

Do you use the mouse and the keyboard to work on the computer?

Move the mouse.

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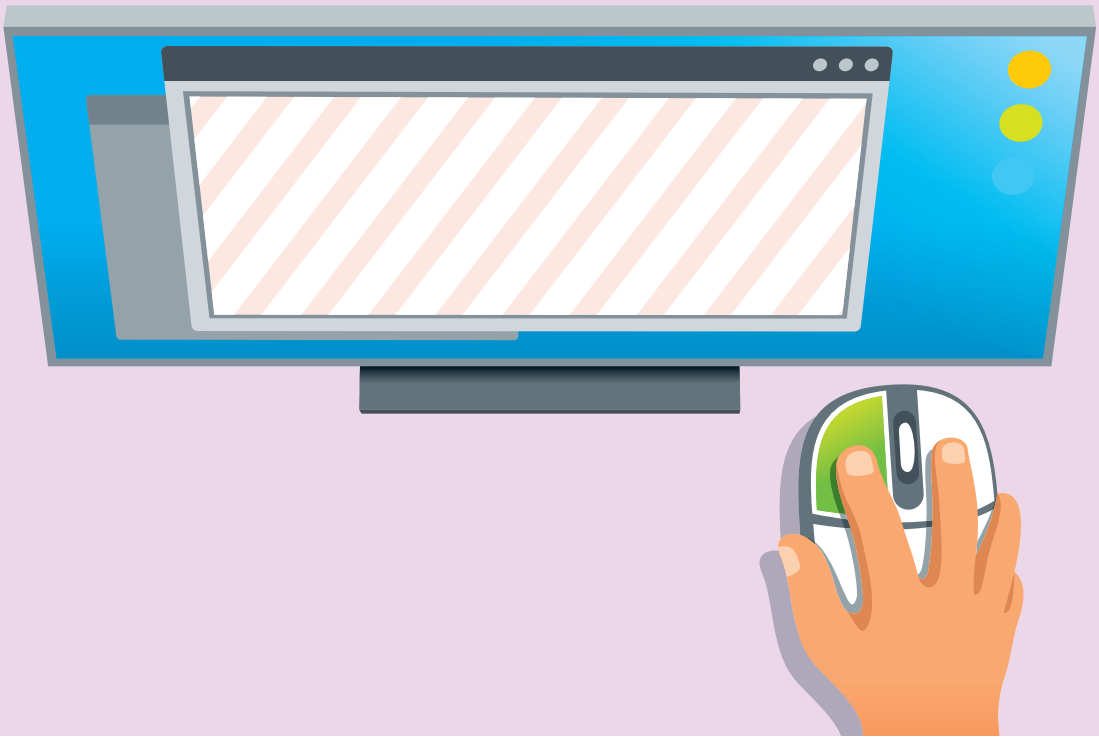
Click

Press the button once and let go.



Double-click

Press the button twice very quickly and let go.

Right-click

Press the button once and let go.

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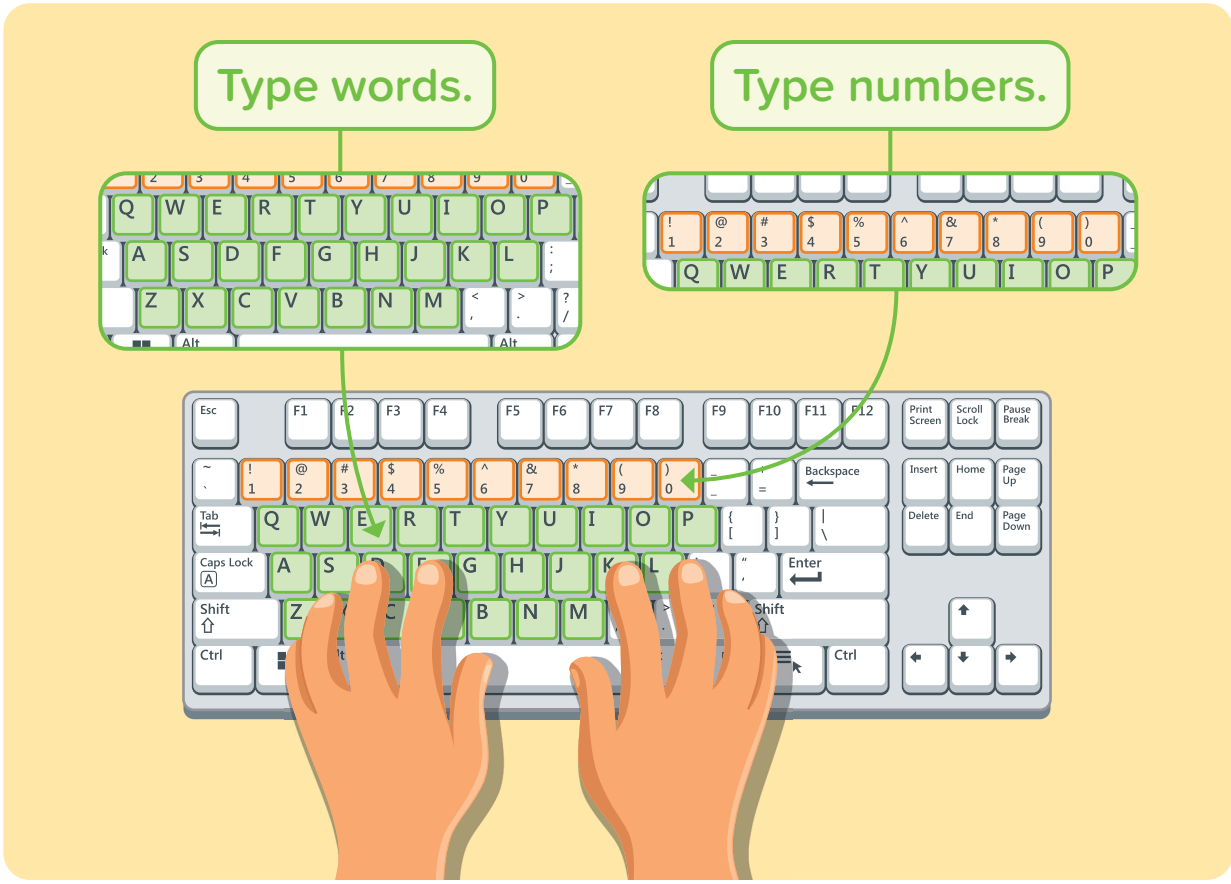
Press a key to type.



Control the computer.

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Touch

Move

Can you think of other things you can do with a computer?

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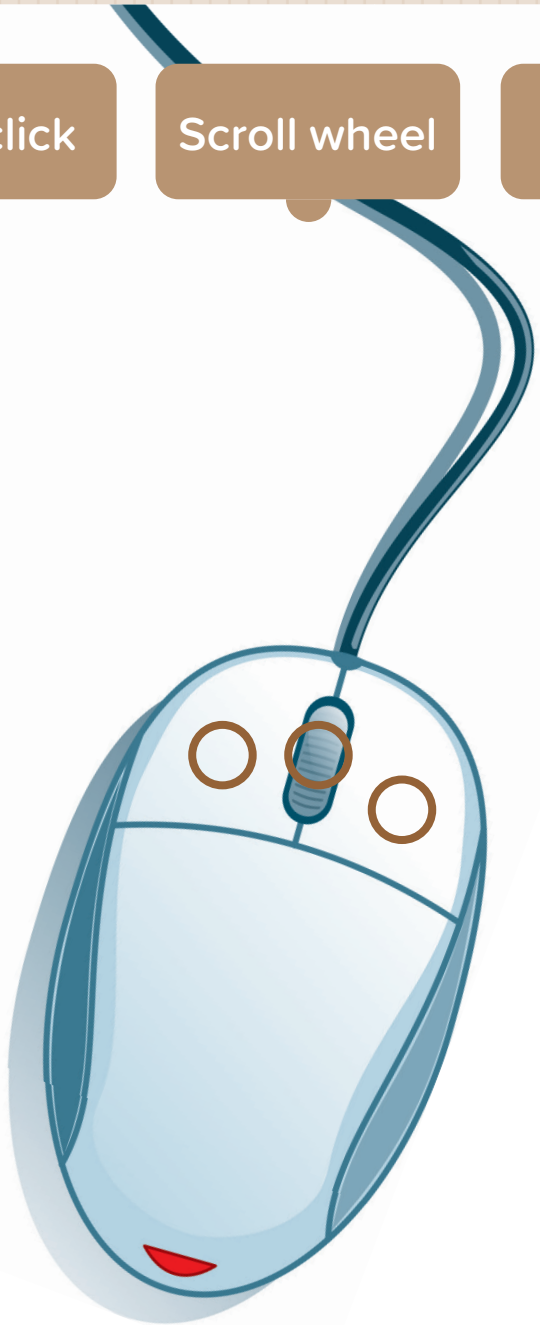
Hands on!

1 Draw a line to match the mouse part to its name.

Right-click

Scroll wheel

Click



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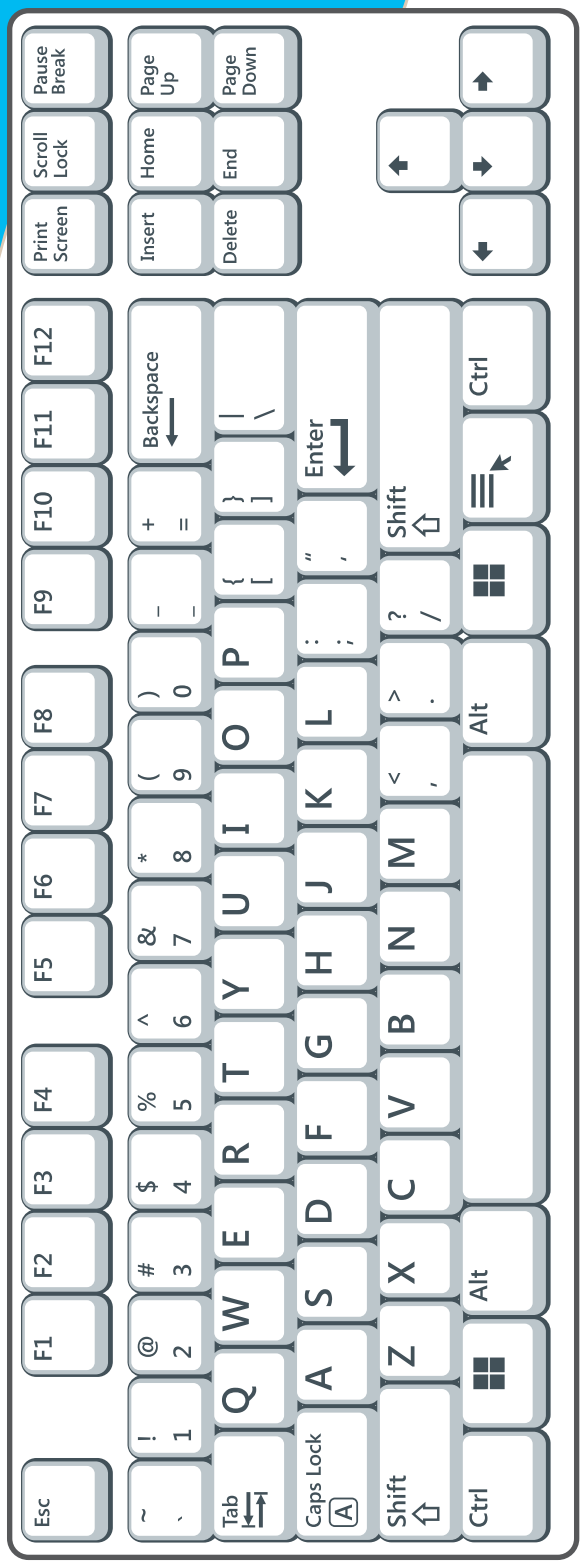
2 Color the keyboard.

Letter keys

Number keys

Arrow keys

Enter key



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3 Put a check mark under the computers you control by touch.

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Project

Computer picture book

1. Get a piece of paper. You will also need crayons, markers, or colored pencils.
2. Draw the parts of a computer.
3. Write the name of each computer part next to it.

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4. Color your drawing.

5. Share your picture book with your classmates.

6. Extra step: Imagine a future computer. Draw what you think it will look like and what special things it can do!

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Reflect

1. What did you like most about making the computer picture book? Share your ideas with your classmates.

2. What are your favorite computer part of your project? Talk about it with your partner.

3. What is something new you learned about computers from this project?

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Wrap up

Check out your new skills!

- I can explain how computers have changed over time.
- I can tell what a computer is and how it helps people.
- I can identify the main parts of a computer.
- I can explain how the different computer parts connect to the system unit.
- I can name the parts of the mouse and the keyboard.
- I can describe different ways to control a computer.

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Key Terms

click

computer

desktop computer

keyboard

laptop

monitor

mouse

printer

right-click

scroll wheel

smartphone

smartwatch

speakers

system unit

tablet

touch

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