

Today, we're starting the Cybersecurity Basics badge!

Did you know what the first computers were so big that just one would fill up an entire room! They were mostly used to help people with numbers. Now, you can hold a computer in your hand! A smartphone is pocket-sized computer. You can do a lot more with today's computers. You can take pictures, make movies, mix music, write stories, send messages, play games, and watch videos.

Start with the video below then complete all three steps.

For step one, we are going to find out about the parts of a computer and how they help you connect to the internet, watch videos, send messages, and much more!
Words to know:

Monitor: A screen that shows you pictures and words.

Webcam: A digital camera that can take and send photos or videos.

Speakers: Tools that help you hear sound from your computer.

CPU: The computer's "brain". It tells the other parts what to do. The CPU is a chip inside a phone or a laptop.

Keyboard: A part that lets you type messages.

Mouse: A part that lets you move around on the computer screen.

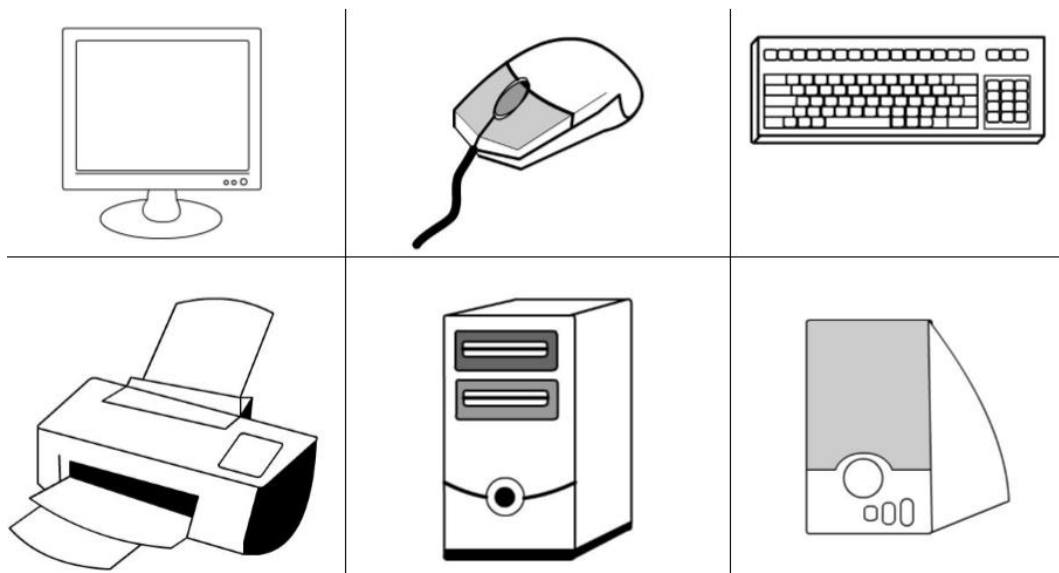
Printer: A machine that connect to your computer. It lets you print words and pictures.

For this step, you will color the sheet attached and learn about the different parts of a computer!

Directions:

- Color the speakers red
- Color the monitor blue
- Color the printer purple
- Color the CPU tower green
- Color the mouse yellow
- Color the keyboard orange

<https://www.youtube.com/watch?v=vZqvPuVc42c>



STEP 2

When you protect something, you keep it safe. Locking your front door protects your house. Putting sunscreen on protects your skin. It's the same with your computer. Find out how you can protect your computer, so you are your computer are safe.

For this step, you are going to protect a "treasure". For this activity, you will need:

Plastic crystal beads

One box for girls to put their treasure inside

Material to wrap the box: wrapping paper, bubble wrap, duct tape, regular tape, rope or string

Crayons, markers, or coloring pencils

Decorating materials: stickers and glitter

Select your "treasure" (crystal bead) and put their treasure in their box.

Let them start decorating their box and work together to wrap the box for protection. Just like were protecting your treasure, when you use a computer, you have to do the same thing by creating layers of protection to make sure you are safe!

Have extra time? Try to "protect" the pirate coins by making them waterproof--use the link below!

<https://www.science-sparks.com/protect-the-pirate-coins-waterproofing-activity/>

STEP 3

You are connected. You spend time with and talk to your family and friends every day. Computers are connected too. A group of computers that are all connected is called a network. People can send messages to other people over networks. Find out more about how computers connect people all around the world!

Terms to know:

Protect: Protect means to keep from getting hurt or lost.

Safety: Safety means to be free from danger or harm.

Identity: An identity is who a person is.

Communicate: Communicate means sharing something with another person or a group of people.

If you are in a group:

Let the group form a big circle. Start out holding the yarn. Say a "favorite" that could connect you to one of the girls (Ex. My favorite food is pizza) .Unstring the yarn and hold onto the string, then throw the ball of yarn to a girl whose favorite food is also pizza. Repeat this process until all the children are connected.

From your home:

Call up your friends, relatives, or loved ones and "survey" them on their favorites! See how many of them said the same thing! This shows that everyone has a connection.

<https://drive.google.com/file/d/1uK5w3eP0m4X5E2NhoAY4dIAxAxuDPY9n/view>