DIGITAL PLANET

HOW DOES THE INTERNET WORK?





pogo

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CHAPTER 1

HOW THE INTERNET WORKS

Most cars go to the shop if they break down. But not Teslas! **Software** in these cars can be fixed over the internet!



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How? These cars connect to the internet through **Wi-Fi**.

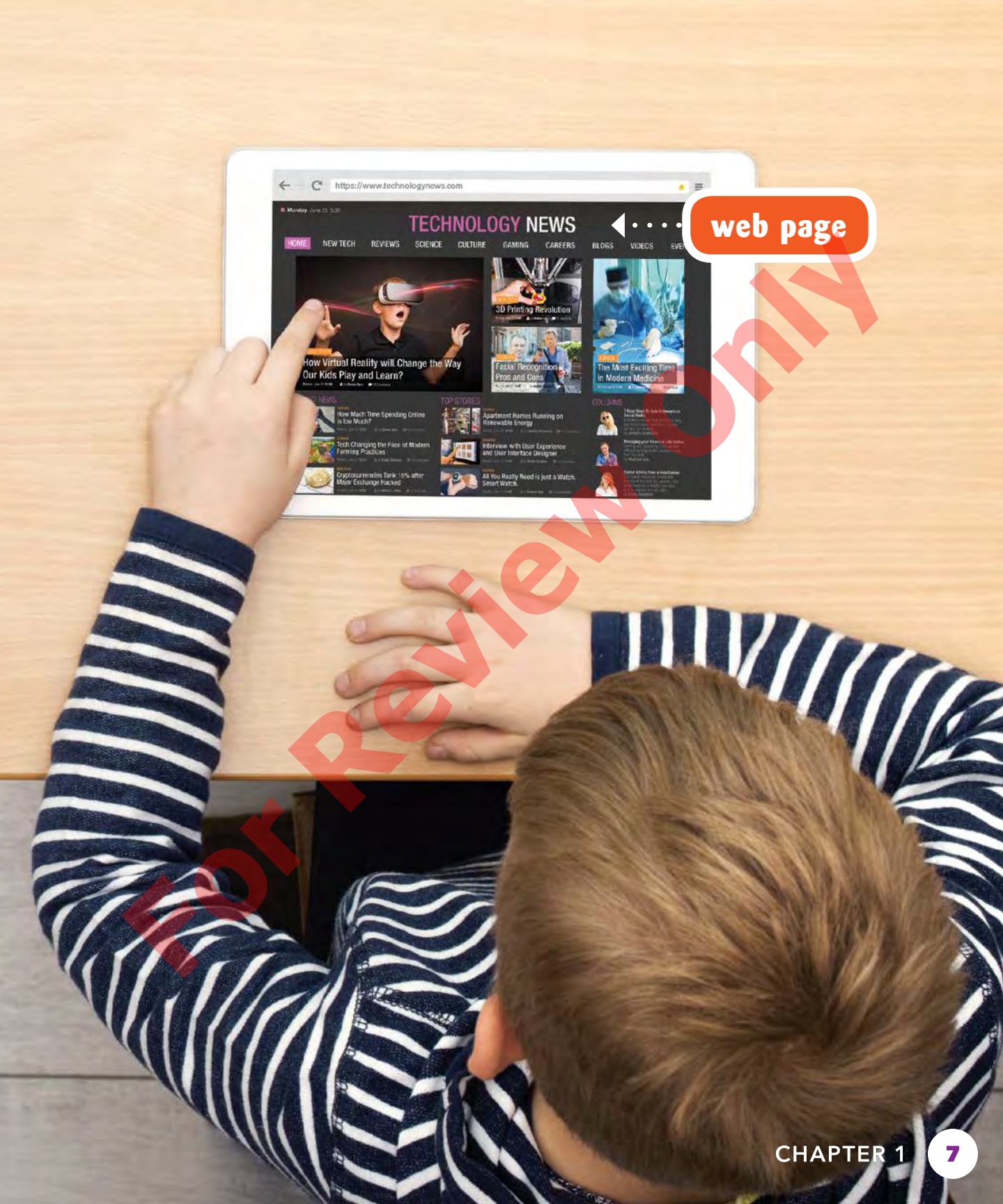
But what is the internet? It is a **network** of many devices. We use the **World Wide Web** to browse the internet. How? We use **browsers**. Google Chrome is one. Safari is another. Web pages show us text, videos, and photos.

DID YOU KNOW?

The first network was created in 1986. What for? It let researchers use **supercomputers**. These computers are very fast.



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Browsers use **HTTPS**. This is a set of rules. The rules tell devices how to share **data**.

Many web addresses start with https://. This tells the device to look for a file shared on the internet.

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ACTIVITIES & TOOLS

TRY THIS!

DESIGN A WEB PAGE



If you had a business, what would it sell? What would the website look like? Make your own business website!

What You Need:

- paper
- pencil
- crayons, markers, or colored pencils

1. **Create a name for your business. Does it have a logo? Draw one!**
2. **Draft a design for your web page. What will it look like? What colors would you like it to be? Where will the name and logo be?**
3. **Think about each part of the web page. What happens when you click there?**
4. **What different sections does your web page need? Where will visitors see products, prices, and contact information? Draw how you want it to look.**
5. **Color the design.**

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