

Technology in Our Lives

Textbook

Technology in Our Lives



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"Then and Now Day"

It was "Then and Now" Day in Mrs. Carter's class. Jesse and Robin entered the room to see the day's topic written on the board.

"Today we're going to travel back in time, but with our imaginations!" Mrs. Carter said. "We're going to learn how life has changed because of technology."

Robin looked around. "Like computers?"

"Yes," Mrs. Carter nodded. "Let's start with something simple. How do we send messages today?"

Jesse answered, "We text! Or email."

Mrs. Carter said, "Now let's go back in time. Long ago, people wrote letters and had to mail them. It could take days or even weeks to get a message to someone."

"That's so slow!" Robin said.

Mrs. Carter nodded. "Technology helps us connect faster."

Jesse raised her hand. "What about school? Did they use computers back then?"

"No," said Mrs. Carter. "Teachers used chalkboards. Students used pencils and paper for everything."

"Even for math?" asked Robin.

Mrs. Carter said, "Yes, and no calculators either. Today we can use math games, typing tools, and tablets to help us learn faster."

Jesse thought for a moment. "So technology doesn't just make things easier, it also helps us learn and work better?"

"Exactly!" Mrs. Carter said. "That's why it's important to understand how things used to be so we can appreciate how technology helps us today."

Robin nodded. "Technology has really changed things."

Mrs. Carter agreed. "Just wait until you see what technology brings tomorrow!"

Let's Learn with Jesse and Robin!

Technology has changed the way we live, learn, and work. Long ago, people used letters to send messages, paper maps to find their way, and chalkboards to learn in school.

Today, we use:

- Phones and tablets to send texts or make video calls
- Computers to do schoolwork
- GPS apps to find places
- Online stores to shop from home

How Technology Helps at Work:

- Doctors use computers to check patient information
- Teachers use smartboards to show lessons
- Store workers use scanners to check prices
- Office workers use computers to write reports and send emails

How Technology Helps at School:

- Students use tablets for learning games and research
- Teachers use computers to create lessons and track progress
- Schools use internet to connect classrooms around the world

- Digital tools help students with different learning needs

How Technology Helps at Home:

- Online shopping for groceries and supplies
- Video calls to talk with family far away
- Streaming services to watch shows and movies
- Smart devices to control lights and temperature

Think About It!

How do you think people will live tomorrow with even newer technology?

Critical Thinking Questions

1. How would your life be different if you didn't have a computer or tablet at school or home?
2. Why do you think some people still use old tools like maps or books, even with new technology?
3. What kind of technology do you think people will use 50 years from now?

Sentence Stems

These sentence starters help us talk about technology in our lives:

1. **"Technology helps people at work by (blank)."**
2. **"At home, technology makes (blank) easier because (blank)."**
3. **"Before computers, people (blank), but now they (blank)."**

Questions (5)

1. What is one way people used to send messages before texting?

MULTIPLE CHOICE

Choose the correct answer:

- A. Email
- B. Zoom calls
- C. Letters
- D. Video games

2. What is something students today can use that kids long ago couldn't?

Choose the correct answer:

- A. Computers
- B. Paper and pencil
- C. A desk
- D. Books

3. What does technology help us do?

Choose the correct answer:

- A. Take naps
- B. Ride bikes
- C. Eat lunch
- D. Learn, work, and connect with others

4. What tool do people often use today to find directions?

Choose the correct answer:

- A. A newspaper
- B. GPS or map apps
- C. A chalkboard
- D. A letter

5. What is one way technology might help people in the future?

Choose the correct answer:

- A. Help people learn in new ways
- B. Make things disappear
- C. Make the sky change color
- D. Stop people from talking

Games (3)

1. Technology in Our Lives Typing Race


Full Screen

Audio

Instructions

Restart

Pause



0s 100%

technology has changed

2. Technology in Our Lives Categories

Full Screen

Audio

Instructions

Answer Key

Pause

Clear All

Check Order

Attempts: 0

Learning from teachers on Zoom

Using GPS to find places

Sending emails instead of letters in the mail

Robots helping in factories

Online shopping

Using tablets or computers in class

Talking to family on video call

How technology has changed life

How technology has changed how we learn

How technology has changed work

3. Technology in Our Lives Matching

Full Screen

Audio

Instructions

Answer Key

Pause

Clear All

Check Matches

Attempts: 0

Then: Letters

Then: paper and
pencil

Then: Paper Maps

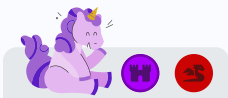
Now: Email



Now: Computers



Now: GPS or Google
Maps



Blocks Challenges (5)

1. Laptop Line-Up



Laptop Line-Up

Long ago, students only used pencil and paper in school! Now, many kids use laptops or tablets to learn!

Select the school background and the laptop sprite.
Program your laptop sprite to move from the bookshelf to the desk to get ready for the school day!

1 9 1



Submit ↑



2. Treasure Hunt



Treasure Hunt

There's treasure hidden somewhere in the sandcastle. Your job is to code your sprite to find the hidden gold.

Using the beach background, program your sprite to reach the sandcastle.

1 8 1



Submit ↑



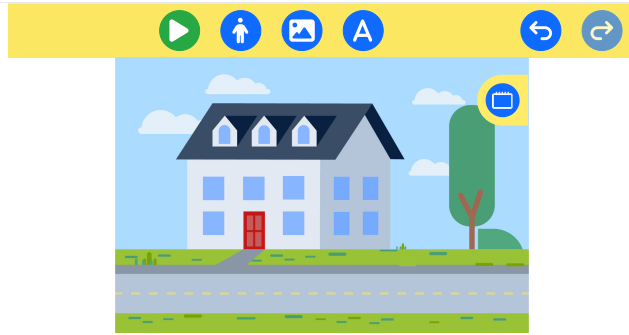
3. Fun in the sun!



Fun in the sun!

Summer brings sunshine and warm weather so you decide to go outside and play. Using a ball sprite and a mix of motion blocks, program your sprite to bounce all around the scene.

1 8 1



Submit ↑



4. Zigzag Zoom

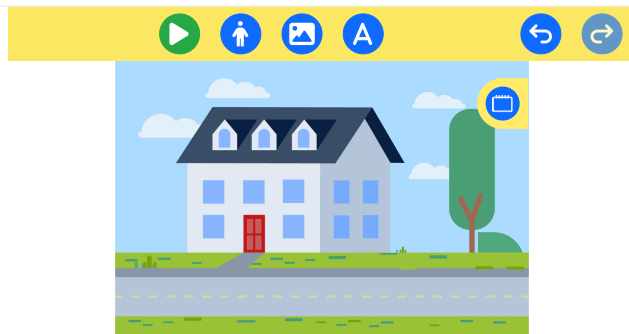


Zigzag Zoom

Zigzag Zoom is the fastest superhero in the city! Instead of flying straight, ZigZag Zoom flies up and down, back and forth, all different directions to confuse the villains!

Program your superhero to fly across the scene in the ZigZag Zooms signature flight.

1 10 1



Submit ↑



5. Ring! Ring! Ring!



Ring! Ring! Ring!

Did you know telephones used to be attached to walls? People used to call each other from landline phones before cell phones were invented.

Program a cell phone sprite to ring by using the rotating motion blocks.

1 5 1



Submit ↑



Answer Keys & Solutions

Questions

1. What is one way people used to send messages before texting?

MULTIPLE CHOICE

Correct Answer:

- | | |
|----------------|-------------|
| A. Email | ✗ Incorrect |
| B. Zoom calls | ✗ Incorrect |
| C. Letters | ✓ Correct |
| D. Video games | ✗ Incorrect |

Explanation:

Think about paper and the mail.

2. What is something students today can use that kids long ago couldn't?

MULTIPLE CHOICE

Correct Answer:

- | | |
|---------------------|-------------|
| A. Computers | ✓ Correct |
| B. Paper and pencil | ✗ Incorrect |
| C. A desk | ✗ Incorrect |
| D. Books | ✗ Incorrect |

Explanation:

What helps you do digital work?

3. What does technology help us do?

MULTIPLE CHOICE

Correct Answer:

A. Take naps

✗ Incorrect

B. Ride bikes

✗ Incorrect

C. Eat lunch

✗ Incorrect

D. Learn, work, and connect with others

✓ Correct

Explanation:

Think about how you use tech at school or at home.

4. What tool do people often use today to find directions?

MULTIPLE CHOICE

Correct Answer:

A. A newspaper

✗ Incorrect

B. GPS or map apps

✓ Correct

C. A chalkboard

✗ Incorrect

D. A letter

✗ Incorrect

Explanation:

It helps you find where you're going!

5. What is one way technology might help people in the future?

MULTIPLE CHOICE

Correct Answer:

A. Help people learn in new ways

✓ Correct

B. Make things disappear

✗ Incorrect

C. Make the sky change color

✗ Incorrect

D. Stop people from talking

✗ Incorrect

Explanation:

Think about how technology helps people today and imagine what it could do next.

1. Technology in Our Lives Typing Race

Typing game - no answer key needed. Students practice typing the provided content.

2. Technology in Our Lives Categories

Category Solutions:

Category 1: How technology has changed life

- Talking to family on video call
- Online shopping
- Using GPS to find places

Category 2: How technology has changed how we learn

- Using tablets or computers in class
- Learning from teachers on Zoom

Category 3: How technology has changed work

- Robots helping in factories
- Sending emails instead of letters in the mail

Scoring:

- Gold: 1 attempts or fewer
- Silver: 2 attempts or fewer
- Bronze: 3 attempts or fewer

Students must sort items into their correct categories.

3. Technology in Our Lives Matching

Matching Game Solutions:

1. →

2. →

3. →

Students must drag items from the left to match with corresponding items on the right.