

Digital Footprint

Textbook

Digital Footprint



Your Trail Online

It was library day. Mateo and Harper were logging into their computers to work on their class blog.

"Look at this," Mateo said. "Someone in last year's class left a comment on the blog. It's still here!"

Harper read it. "That means what we post stays online, even a year later?"

Ms. Kim walked by. "That's right, Harper. Everything we do online leaves a trail. It's called a digital footprint."

Mateo looked puzzled. "Like footprints in the snow?"

Ms. Kim said, "Exactly! But instead of footprints on the ground, these are the things you do on the internet—like posts, pictures, comments, and videos."

Harper raised her hand. "So even a comment we leave in class can stay online forever?"

"Yes," said Ms. Kim. "That's why it's important to think before we click. A good digital footprint shows that you're careful and respectful online."

Mateo thought for a moment. "What if someone posts something mean?"

"Well," Ms. Kim replied, "that leaves a negative footprint. And just like muddy shoes, it's hard to clean up. That's why we always work responsibly with others online."

What Is a Digital Footprint?

A digital footprint is the trail you leave when you use the internet. Every action online creates a record:

- Comments you write

- Pictures you post
- Videos you share
- Websites you visit
- Games you play
- Messages you send

How Digital Footprints Work

When you do something online:

1. The computer saves the information
2. Websites keep records
3. Others can see what you did
4. The information stays saved
5. It can be found later

This happens automatically every time you use the internet.

Types of Digital Footprints

Active footprints (you choose to leave):

- Blog comments
- Posted pictures
- Shared projects
- Game scores
- Profile information

Passive footprints (happen automatically):

- Websites you visit
- Time spent online
- Clicks and searches
- Location data
- Device information

Why Digital Footprints Matter

Your footprint shows:

- How you treat others online

- What kind of digital citizen you are
- Your interests and activities
- How carefully you use technology

Others can see your footprint:

- Teachers
- Parents
- Future teachers
- Other students

Building a Positive Footprint

Good digital footprints include:

- Helpful comments
- School projects
- Kind messages
- Educational activities
- Creative work

Actions that create positive footprints:

- Using respectful language
- Sharing work you're proud of
- Helping others online
- Following classroom rules
- Asking permission before posting

Permanent vs. Temporary

Unlike real footprints that wash away:

- Digital footprints last a long time
- Deleting doesn't always remove them
- Others may have saved copies
- Websites keep backups
- Nothing online is truly temporary

Think Before You Click

Ask yourself:

- Would I want my teacher to see this?
- Would I say this in person?
- Am I proud of this work?
- Does this follow our rules?
- Did I get permission to share this?

Digital Citizenship

Being a good digital citizen means:

- Creating positive footprints
- Respecting others online
- Following internet safety rules
- Thinking before posting
- Taking responsibility for your actions

Critical Thinking Questions

1. Why do digital footprints last longer than footprints in snow?
2. How can you make sure your digital footprint is positive?
3. What happens if you post something without thinking first?

Sentence Stems

- "My digital footprint shows (blank space)."
- "Online actions are permanent because (blank space)."
- "Responsible digital citizens (blank space)."

Questions (5)

1. What is a digital footprint?

MULTIPLE CHOICE

Choose the correct answer:

- A. A picture of your shoe
- B. The things you do and share online
- C. A trail of cookies on your desk
- D. A path in your backyard

2. Why do digital footprints last a long time?

MULTIPLE CHOICE

Choose the correct answer:

- A. Because computers get tired
- B. Because the internet turns off at night
- C. Because things online can stay there even if you delete them
- D. Because footprints grow

3. Why is it important to think before you post something online?

MULTIPLE CHOICE

Choose the correct answer:

- A. Because it might disappear quickly
- B. Because your post can stay online for a long time
- C. Because your teacher will always see it
- D. Because the internet is turned off at night

4. True or False: A digital footprint is the trail you leave when you use the internet.

MULTIPLE CHOICE

Choose the correct answer:

- A. True
- B. False

5. True or False: Once something is posted online, it always disappears after a few days.

MULTIPLE CHOICE

Choose the correct answer:

- A. True
- B. False

Games (2)

1. Digital Footprint Matching

Match the example to the correct Digital Footprint action

Full Screen

Audio

Instructions

Answer Key

Pause

Clear All

Check Matches

Attempts: 0

Ask teacher before posting a picture

Post my project for others to see

Follow blog rules when I comment




Look at what I searched last week

Get permission before posting

Online actions can be seen later

Share school work or projects

Follow online rules



2. Digital Footprint Categories

Sort the items into digital footprint trail and not digital footprint trail.

Full Screen

Audio

Instructions

Answer Key

Pause

Clear All

Check Order

Attempts: 0

Playing an online game

Playing outside

Posting a picture online




Writing a comment on a blog

Drawing on paper

Reading a printed book

Things That Create a Digital Footprint

Things That Do NOT Create a Digital Footprint



Blocks Challenges (5)

1. Digital Footprint Superhero



Digital Footprint Superhero

Program the superhero sprite to fly around the scene sharing about a digital footprint. Add a fun sound effect and change the speed of the superhero.

1 10 3 1 2 1



Submit ↑



2. Think before you post



Think before you post

Using one of the devices (computer, laptop, cellphone), program your sprite thinking before they post online. Then have them move away from the device to go do something else.

1 6 2 1



Submit ↑



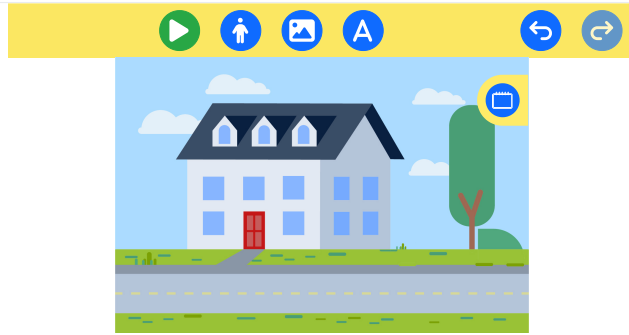
3. Magic Trick



Magic Trick

Mystical Max has a special magic trick. When he says the magic word, he starts to grow big then reset to his normal size on repeat until he says the magic word again! Program your sprite to do this trick. Use a repeat loop and look blocks for the magic trick 5 times before ending the trick.

1 4 1 1



Submit ↑



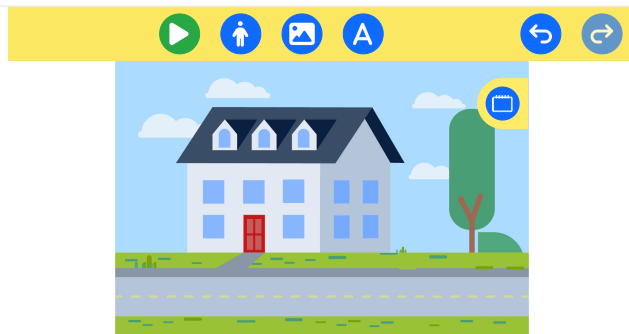
4. Study Break!



Study Break!

Program 2 sprites playing with the red ball sprite during recess. Have one sprite bounce the red ball to the other and each saying something while they play.

3 3 2 1 3



Submit ↑



5. Schools Out!



Schools Out!

Using the classroom background, program a sprite when they hear the tadah sound to hop and say "Yay!", moving across the scene because it is time for summer vacation.

1 5 1 1 1



Submit ↑



Answer Keys & Solutions

Questions

1. What is a digital footprint?

MULTIPLE CHOICE

Correct Answer:

- A. A picture of your shoe ✗ Incorrect
- B. The things you do and share online ✓ Correct
- C. A trail of cookies on your desk ✗ Incorrect
- D. A path in your backyard ✗ Incorrect

Explanation:

Think about what stays behind when you use the internet.

2. Why do digital footprints last a long time?

MULTIPLE CHOICE

Correct Answer:

- A. Because computers get tired ✗ Incorrect
- B. Because the internet turns off at night ✗ Incorrect
- C. Because things online can stay there even if you delete them ✓ Correct
- D. Because footprints grow ✗ Incorrect

Explanation:

Just like snow prints stay until they melt, digital ones last too.

3. Why is it important to think before you post something online?

MULTIPLE CHOICE

Correct Answer:

- A. Because it might disappear quickly ✗ Incorrect

B. Because your post can stay online for a long time

✓ Correct

C. Because your teacher will always see it

✗ Incorrect

D. Because the internet is turned off at night

✗ Incorrect

Explanation:

Posts can leave a lasting trail

4. True or False: A digital footprint is the trail you leave when you use the internet.

MULTIPLE CHOICE

Correct Answer:

A. True

✓ Correct

B. False

✗ Incorrect

Explanation:

Think about what Ms. Kim compared to footprints in the snow.

5. True or False: Once something is posted online, it always disappears after a few days.

MULTIPLE CHOICE

Correct Answer:

A. True

✗ Incorrect

B. False

✓ Correct

Explanation:

Remember what happened to the comment from last year's class on the blog.

Games

1. Digital Footprint Matching

Matching Game Solutions:

1. →
2. →
3. →
4. →

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

2. Digital Footprint Categories

Category Solutions:

Category 1: Things That Create a Digital Footprint

- Posting a picture online
- Writing a comment on a blog
- Playing an online game

Category 2: Things That Do NOT Create a Digital Footprint

- Drawing on paper
- Reading a printed book
- Playing outside

Scoring:

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

Students must sort items into their correct categories.