

Explore the Park

The Ruoholahti Playground offers many sights and activities to explore. You can complete the tasks in any order. At the end, you can color in the map.

1. Sandbox

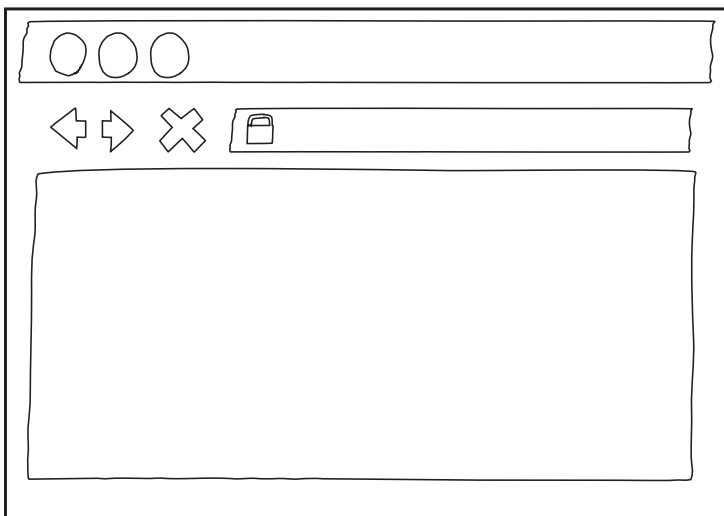
Can you organize the sandbox toys, leaves, or something else you find around the playground from the largest to the smallest?

2. Spring Swings

Find the spring swings near the sandbox. Try moving around the swings like a robot. Imagine what kind of sounds internet cats would make. Try making those sounds! A computer mouse usually doesn't swing. What is it used for instead?

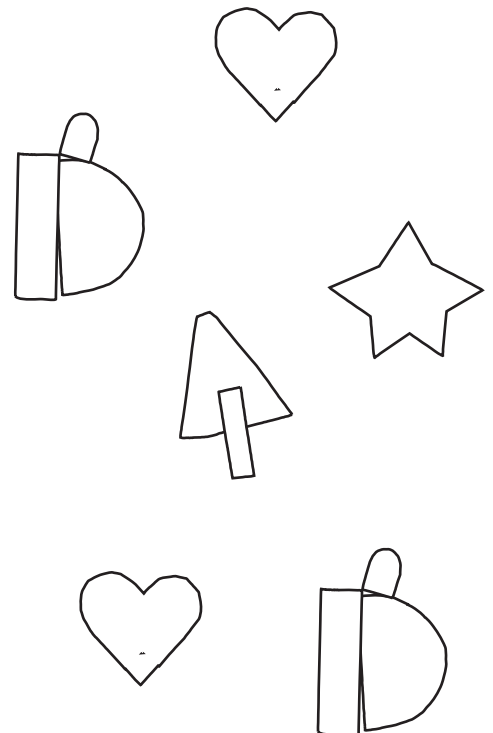
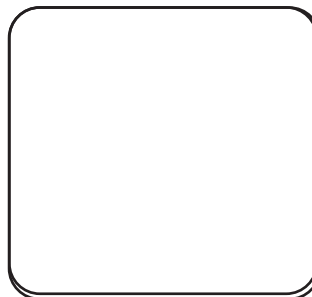
3. Computer Screen

Design your own program and present it to others. How many likes did you get?



4. Keyboard

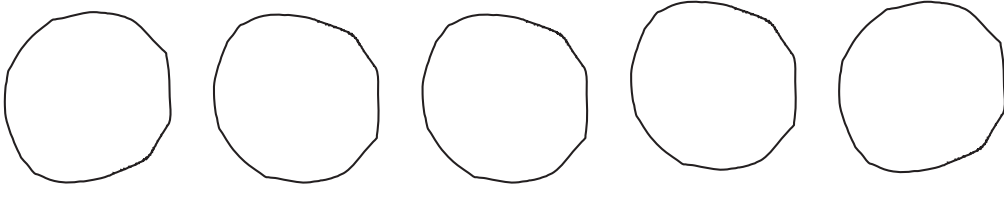
Find your favorite letter on the keyboard located on the slope. Write that letter on your sheet.





What Did I Learn?

Draw or choose the appropriate emoji for each statement below.



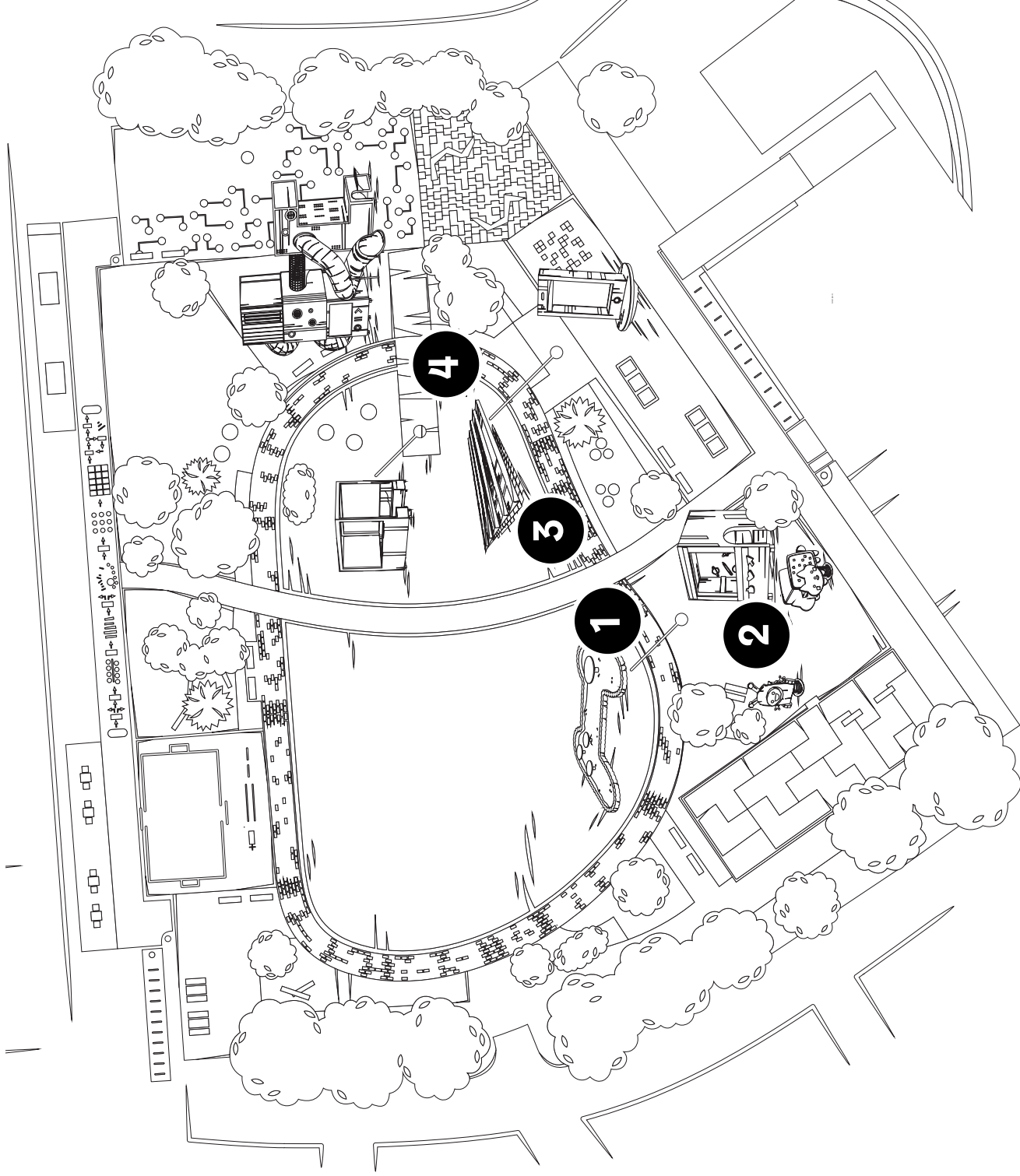
I can compare things based on size or shape.

I know to tell a trusted adult if I see something suspicious online.

I can find letters on the keyboard.

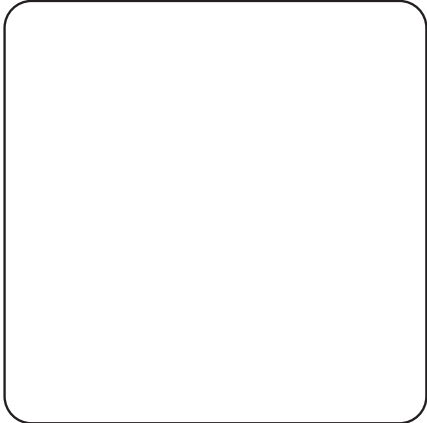
Computers don't scare me.

I had fun at the playground!



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1. Trampolines

Design your own program code. Test in small groups whether your code works.

- > Use commands (e.g., jump, spin, or do a jumping jack).
- > Design a condition (e.g., everyone wearing red jumps).
- > Design a loop (e.g., how many times or until a certain point).

2. Computer Tower

Convert the first letter of your name into a binary number. Then, try out the slide.

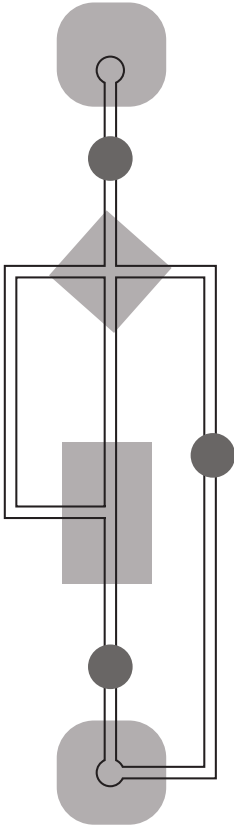
3. Flowchart

Tell a story about your day using a flowchart. For example:

Go to school. Is it raining outside?

- > If yes, bring an umbrella.
- > If no, go straight to school.

Move the ball along as the story progresses.



4. Keyboard

Do you know the copy-and-paste shortcut (Ctrl+C, Ctrl+V)? Pair up and act out these keyboard commands on the large keyboard. What other shortcuts do you know?

5. Phone

Perform a little victory dance! Great job playing.

UPPERCASE LETTERS IN BINARY

A: 01000001	I: 01001001	Q: 01010001	Y: 01011001
B: 01000010	J: 01001010	R: 01010010	Z: 01011010
C: 01000011	K: 01001011	S: 01010011	
D: 01000100	L: 01001100	T: 01010100	
E: 01000101	M: 01001101	U: 01010101	
F: 01000110	N: 01001110	V: 01010110	
G: 01000111	O: 01001111	W: 01010111	
H: 01001000	P: 01010000	X: 01011000	

For more binary codes, check online.



What Did I Learn?

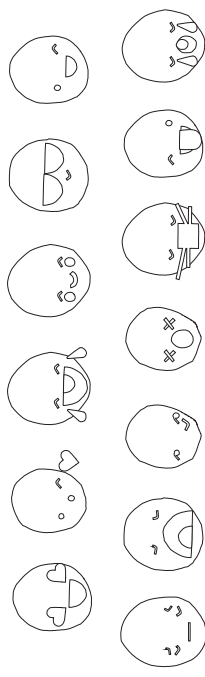
The most fun part of the playground was:

The most challenging part of the playground was:

I'd like to learn more about:

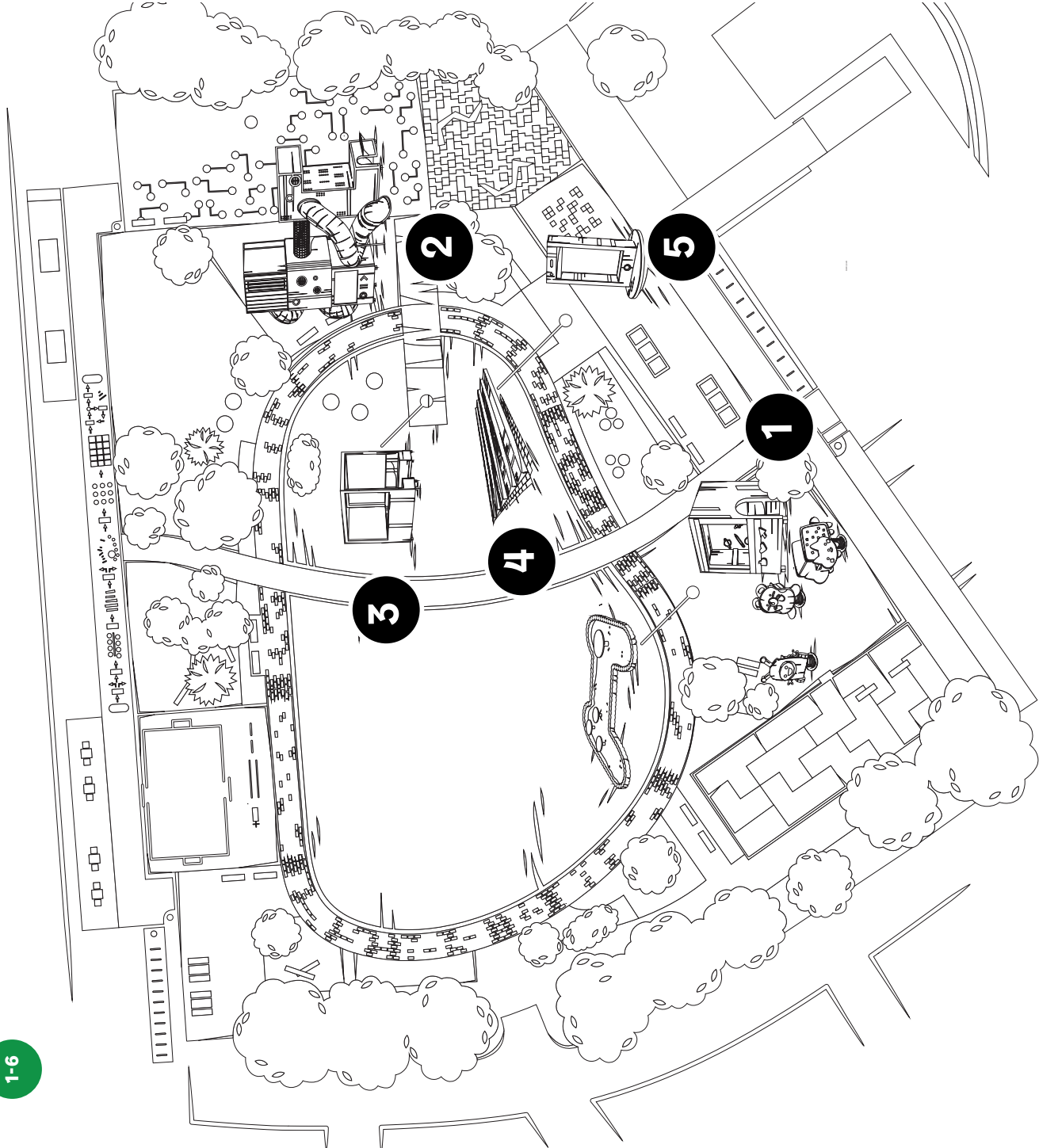
After visiting the playground, computers feel like this to me:

Color the emoji that best represents your day at the playground:



Helsinki

Leikkipuisto
Ruoholahti



Explore the Park

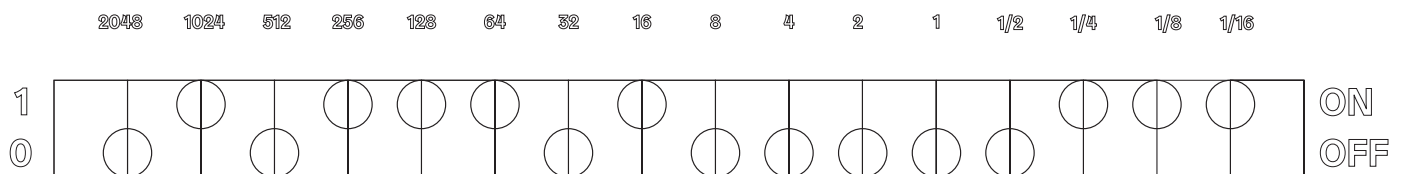
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1. Computers in the City

How are computers visible in urban planning? List the types of computers you find around the playground.

2. Binary Calculator

Find the green computer tower and the binary abacus next to it. What decimal number is represented by the binary number in the image below? Can you create your birthdate using the abacus? Or add numbers together using it? Use your phone as a helper.

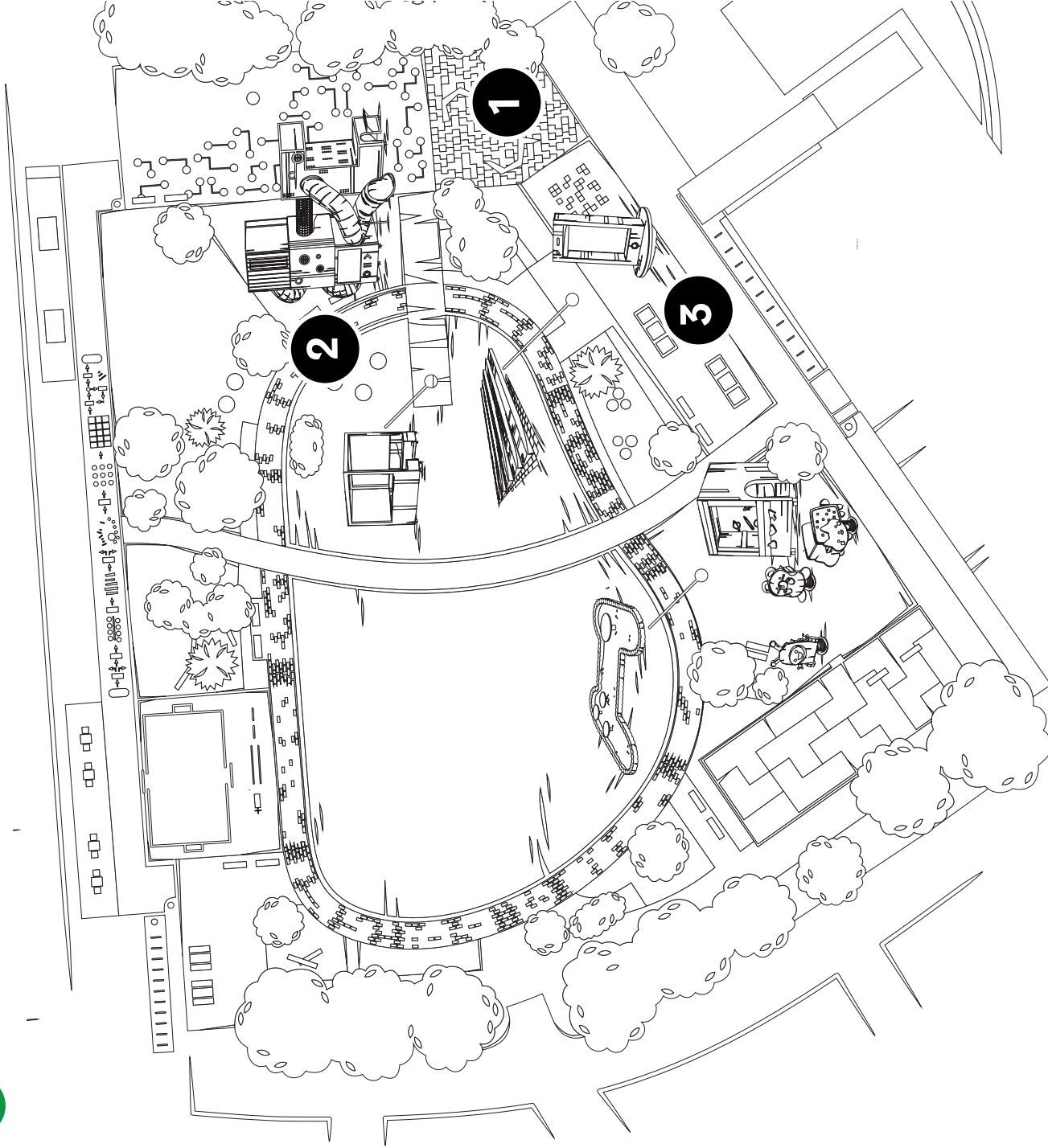


3. Phone

Design and perform your own dance or performance on the phone-themed area. Do you know how apps recommend videos to you? What ethical challenges can algorithms cause?

What did I learn?

Here's what I learned about computers:



Here's what I want to learn more about: