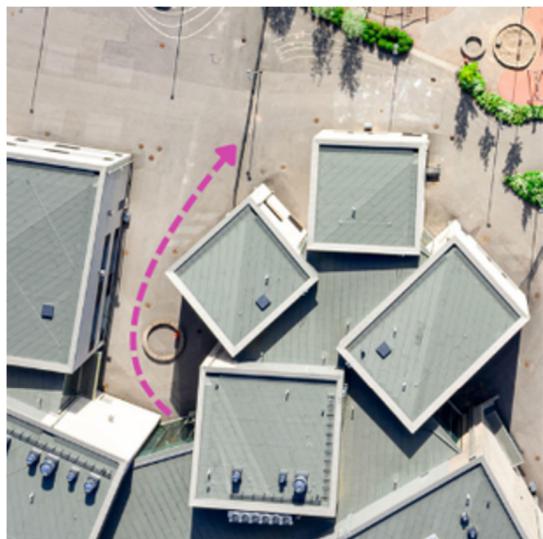
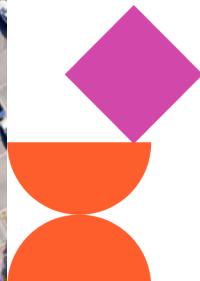
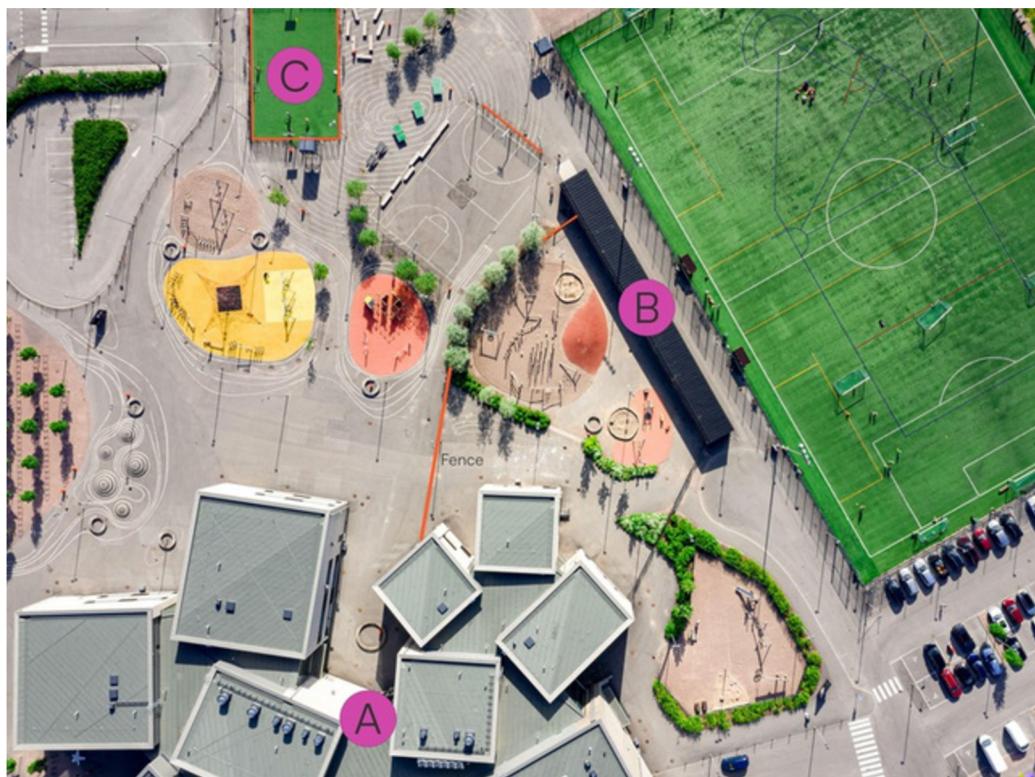


CODE YOUR ROUTE

Use computational thinking to write clear directions for a visitor.

The challenge is to go from the school lobby (A), collect a soccer ball from the black building (B), and then take it to the small green court (C). Fences block certain paths and cannot be crossed!



1

Exit the lobby and cross the school yard



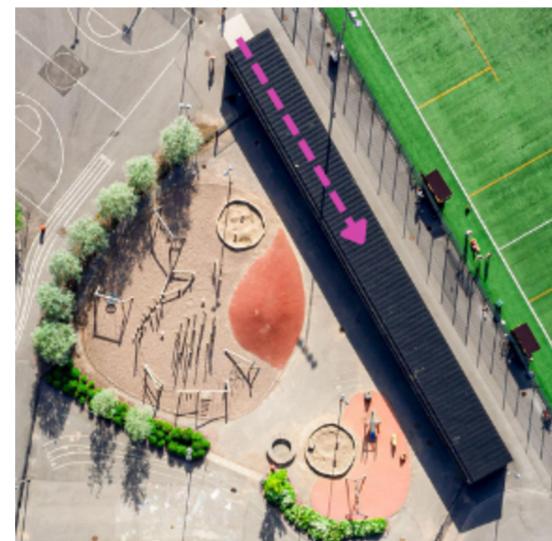
What if you could jump?



2 Walk along the fence



3 Cross the play area

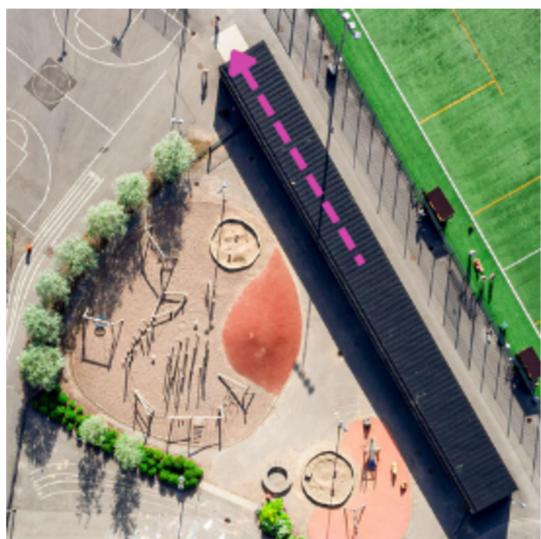


4 Enter the black building



5

Pick up the ball



6

Exit the black building



7

Go to the green court





8

Enter the green court



9

Deliver the ball and play!

How to code your directions

- Decomposition: Break the route into steps.
- Abstraction: Keep only important information
- Pattern recognition: Do you repeat some instructions, like how to open doors?
- Algorithmic thinking: Write your instructions for the visitor.
- Evaluation and debugging: Check the instructions and correct them if necessary
- Collaboration: Work as a team and check your partner's work

