

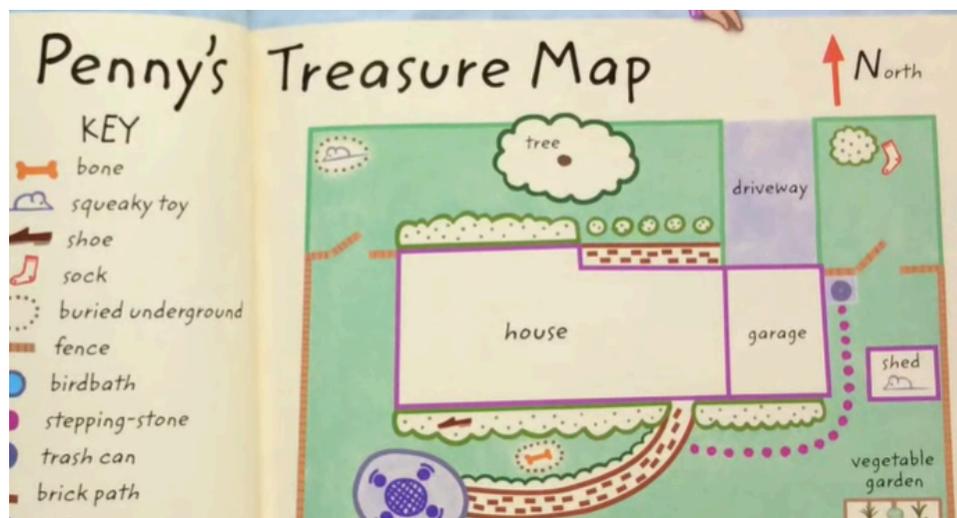
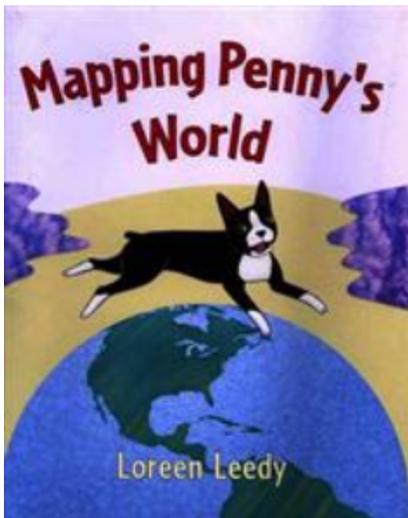
# BACK TO SCHOOL



## Secret map locations

Years 3 to 6: Space

Students make a map of their school, home or familiar area with the help of the story Mapping Penny's World.

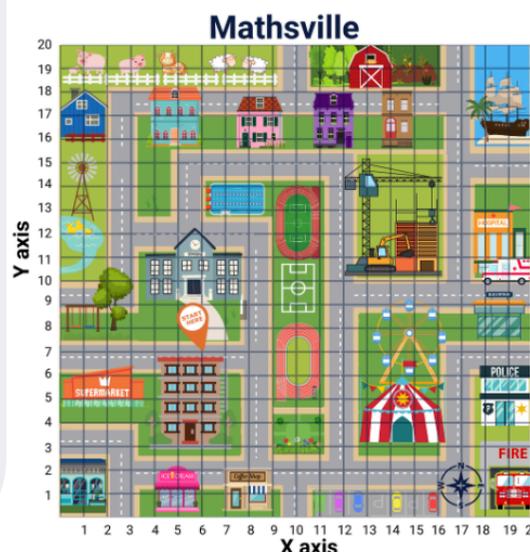


### Pose questions

- Why do we use maps?
- What are the similarities and differences in maps?
- Are the same symbols used in maps of different areas?
- What information do maps provide? How can we find specific places?

- What building is on your left at (18,10) if you are facing east?
- What is located at (4,20)?
- What are the grid reference points for the duck pond?
- From where I am standing I can see a pirate ship on my right and a brown house in front of me - what are my grid reference points?
- I am facing south with the coffee shop on my right, and my friend is facing east with the swimming pool on their left. Where are we?

Find a location on the map. Provide directions to identify a pathway to a secret position.



The flag has been hidden in Mathsville



1. Start at the grid reference point (6,7)
2. Walk east for 3 squares.
3. Turn left at the running track.
4. Continue north for 2 squares.
5. Turn right and cross the playing field.
6. Continue east for 8 squares.
7. What are the coordinates for the hidden flag?

What building is on your left at (18,10) if you are facing east?

What is located at (4,20)?

What are the coordinates for the duck pond?

□ = 3 metres

Find more details on this and other Space lesson ideas in the free Maths in Schools 3 - 6 online course.