

Park Map Detectives

Read how map elements help visitors find places and estimate distance.

3.4.C “identify, create, and interpret maps of places that contain map elements, including a title, compass rose, legend, scale, and grid system.”

NAME _____

DATE _____

1 READ AND MARK _____ Read it twice

YOUR JOB Underline the five map elements named in the passage, then number them 1 through 5 to show the parts that help a visitor use the map.

A Map for Willow Creek Park

- ① Ms. Rivera's class made a map of Willow Creek Nature Park for a family walk. At the top, they wrote the title, “Willow Creek Nature Park.” A compass rose showed north, south, east, and west. The map helped visitors find the picnic lawn, the footbridge, the pond, and the trailhead without walking in circles on busy afternoons.
- ② Next, the class added a legend. A blue wavy line meant a stream, a small tree meant woods, and a square with a P meant parking. Their scale said that 1 inch on the map equaled 100 steps in the park. The scale let a visitor estimate how far a place was before starting a walk from the parking area.
- ③ Finally, the students drew a grid with letters across the top and numbers down the side. The footbridge was in B2, the pond was in C3, and the parking area was in A1. A visitor at the parking area would travel east and south to reach the pond. Each map part gave information that made the park easier to use for visitors each day.

2 ANSWER WITH EVIDENCE Use the passage

1 What is the title of the class map?

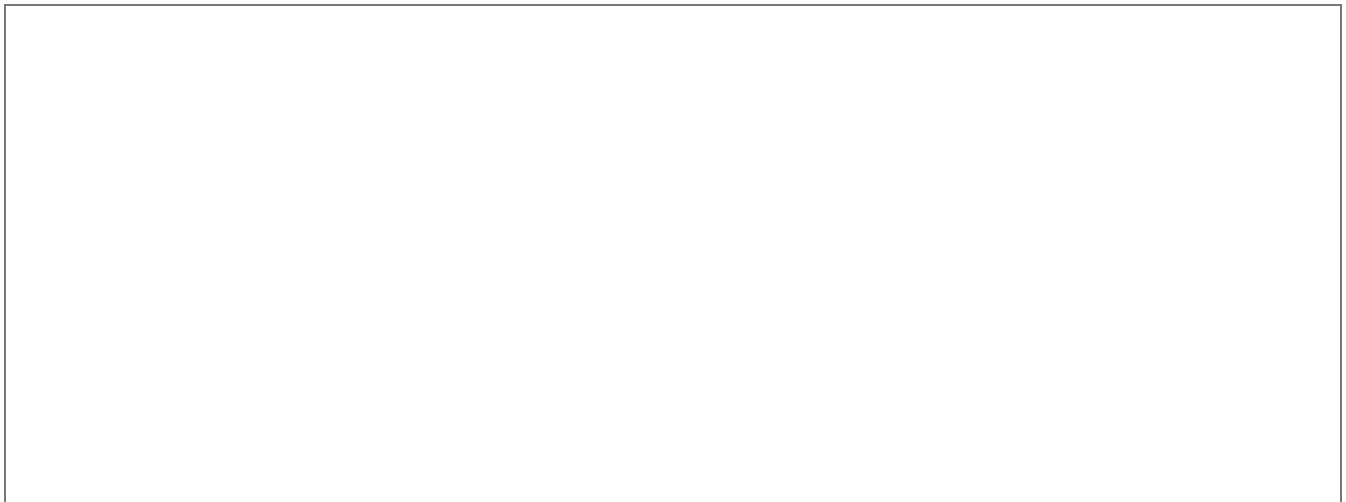
2 Which map element tells what the blue wavy line means?

3 The scale says 1 inch equals 100 steps. How many steps would 2 inches on the map equal?

4 What is the pond's grid location, and which two directions would a visitor travel from the parking area to the pond?

3 YOUR TURN Your own words

Draw a simple map of a place you know, such as your classroom, yard, or neighborhood block. Include a title, compass rose, legend, scale, grid system, and at least three landmarks, then write one sentence telling where one landmark is by using its grid location.



PART 1 • READ AND MARK

Underline the five map elements named in the passage, then number them 1 through 5 to show the parts that help a visitor use the map. Accept any marking that follows this job and points at the right text.

PART 2 • ANSWERS

#	QUESTION	ANSWER
1	What is the title of the class map?	Willow Creek Nature Park.
2	Which map element tells what the blue wavy line means?	The legend.
3	The scale says 1 inch equals 100 steps. How many steps would 2 inches on the map equal?	200 steps.
4	What is the pond's grid location, and which two directions would a visitor travel from the parking area to the pond?	The pond is in C3. The visitor would travel east and south.

PART 3 • YOUR TURN (SAMPLE ANSWER)

Title: Maple Street Block. Compass rose: north points up. Legend: a star means the library, a circle means the playground, and a P means parking. Scale: 1 inch equals 1 block. The grid has letters A to C across the top and numbers 1 to 3 down the side. The library is in A1, the playground is in C2, and parking is in B3. The playground is in C2.

Accept any accurate title, compass rose, legend, scale, and letter-number grid system in the student map. The location sentence should name a landmark and give a grid location that matches the student's drawing.