

Name _____



Smart Gardening

Directions: Read the passage carefully. Pay attention to details that explain steps, challenges, or solutions. After reading, use the information to solve the practical challenge at the end. Write your answer in complete sentences, showing how the passage helped you decide.

Jordan volunteered to organize his school's community garden project. The garden had limited space, so students had to plan carefully to grow vegetables that would be most useful. Jordan researched and learned that tomatoes and peppers need full sunlight, while lettuce and spinach can grow in partial shade. He also discovered that planting beans near corn helps both plants grow stronger, but planting potatoes next to tomatoes can lead to disease. The group had only ten raised beds, and they wanted to make sure they produced food that could be used in the cafeteria for healthy lunches. To succeed, Jordan suggested dividing the beds based on sunlight and making a planting chart. The students agreed, knowing that smart planning would help them avoid wasting time and space.

Imagine you are part of Jordan's gardening team. The cafeteria wants three crops: tomatoes, spinach, and beans. You have 10 raised beds to use:

- 6 beds get full sunlight all day.
- 4 beds are partly shaded.

Task: Using the information from the passage, decide where you would plant each crop and explain why.
