Seeds and Screens

Ask and answer questions using a seed label and a digital planner

6.DL.11 "Utilize written, visual, digital, and interactive texts to generate and answer literal, interpretive, and applied questions."

NAME _____ DATE _____

1 READ AND MARK

Read it twice

YOUR JOB Underline one fact you could use to answer a literal question, circle a clue that could help you answer a why question, and number two details you could use to make a planting decision.

The Seed Drawer

1 At the Maple Street Library, a wooden drawer holds free seed packets. Each packet has a paper label with the plant's name, when to start seeds, and the amount of sunlight it needs. A basil packet says to start seeds after the last spring frost and to choose a spot with at least six hours of direct sun each day. A lettuce packet says it can grow with about four hours of direct sun. Visitors may take two packets, then write down what they took so the library knows which seeds to replace.

2 Next to the drawer, a library tablet opens a simple garden planner. You choose whether your space gets about four, six, or eight hours of direct sun and whether you will plant in the ground or a container. The planner suggests seeds from the drawer that fit those choices. It also asks where you will get water, since container soil can dry out quickly. A note below the results says, "Check the packet label and your actual space before planting. This planner does not measure your sunlight or predict the weather."

3 Mina tries the planner for her apartment window. She enters six hours of sun and selects container. The results include basil, but Mina notices that a tall building shades her window by afternoon. She watches the window on a clear day and counts only four hours of direct sun. She chooses lettuce instead and fills a watering can at the kitchen sink. Later, she writes on the library's suggestion card, "Could the planner ask users to check shade from nearby buildings?" Her note could help other visitors compare a screen's suggestions with real conditions.

2 ANSWER WITH EVIDENCE

Use the passage

1. Write a literal question about the seed drawer's rules. Then answer it.

2. Why does the planner ask where visitors will get water? Use a detail from the passage.

3. Kai's balcony gets three hours of direct sun, and he wants to grow basil there. Based on the packet and the planner's note, what should he do? Explain.

4. Write an interpretive question about Mina's suggestion card. Then answer it using a clue from the passage.

3 YOUR TURN

Your own words

Invent a planting place other than Mina's window or Kai's balcony. Describe its sunlight and water source, then write and answer an applied question about planting there using two details from the passage.

ANSWER KEY # Seeds and Screens

GRADE 6 · 6.DL.11

PART 1 · READ AND MARK

Underline one fact you could use to answer a literal question, circle a clue that could help you answer a why question, and number two details you could use to make a planting decision. Accept any marking that follows this job and points at the right text.

PART 2 · ANSWERS

#	QUESTION	ANSWER
1	Write a literal question about the seed drawer's rules. Then answer it.	**How many packets may a visitor take? A visitor may take two packets.**
2	Why does the planner ask where visitors will get water? Use a detail from the passage.	**Plants need water, and the passage says container soil can dry out quickly.**
3	Kai's balcony gets three hours of direct sun, and he wants to grow basil there. Based on the packet and the planner's note, what should he do? Explain.	**Kai should find a spot with at least six hours of direct sun before planting basil. The packet calls for that much sun, and the planner does not measure his balcony's sunlight.**
4	Write an interpretive question about Mina's suggestion card. Then answer it using a clue from the passage.	**Why might Mina's suggestion help other visitors? It could remind them to check for shade, since a nearby building left Mina's window with less direct sun than she entered in the planner.**

PART 3 · YOUR TURN (SAMPLE ANSWER)

Our school yard gets six hours of direct sun, and a hose is nearby. Would basil be a sensible choice there? Yes, because its packet calls for at least six hours of direct sun, and the hose provides a way to water it.

Accept other accurate literal and interpretive questions with passage-supported answers. For Your Turn, look for a new setting, stated sunlight and water conditions, and an answer supported by two passage details.