

Seed Picture Clues

Use a photo and a diagram to clarify plant growth.

CCSS.ELA-Literacy.RI.2.7 "Explain how specific images (e.g., a diagram showing how a machine works) contribute to and clarify a text."

NAME _____

DATE _____

1 READ AND MARK _____ Read it twice

YOUR JOB Underline the sentences that tell how Photo A or Diagram B helps you understand the plant. Circle the words that tell what each image shows.

From Seed to Plant

- ① A bean seed can grow into a plant. First, the seed takes in water from the soil. Its coat splits. A tiny root pushes down. The root holds the young plant in place and takes in more water.
- ② Look at Photo A. It shows a seed with a white root coming out. The photo helps you see that the root appears before leaves. It also shows that the root grows below the seed.
- ③ Diagram B uses arrows to show the next steps. An arrow points from the root to a curved shoot moving up. Another arrow points to two small leaves. The diagram makes the plant's growth order easy to follow.

2 ANSWER WITH EVIDENCE Use the passage

1 How does Photo A help you understand what happens before leaves grow?

2 What do the arrows in Diagram B help you understand?

3 How does Photo A help differently from Diagram B?

3 YOUR TURN Your own words

Write two sentences that tell how to wash an apple. Draw a three-step diagram to match, then write one sentence explaining how the diagram helps a reader.

PART 1 • READ AND MARK

Underline the sentences that tell how Photo A or Diagram B helps you understand the plant. Circle the words that tell what each image shows. Accept any marking that follows this job and points at the right text.

PART 2 • ANSWERS

#	QUESTION	ANSWER
1	How does Photo A help you understand what happens before leaves grow?	It shows that a root comes out of the seed before leaves appear.
2	What do the arrows in Diagram B help you understand?	They show the order of growth, from the root to the shoot to the leaves.
3	How does Photo A help differently from Diagram B?	Photo A shows what the root looks like, while Diagram B uses arrows to show the order of growth.

PART 3 • YOUR TURN (SAMPLE ANSWER)

I rinse an apple under running water. Next, I rub it with clean hands and dry it with a towel. [Drawing: Three boxes show rinse, rub, and dry, with arrows between them.] My diagram uses arrows to show the order of the steps.

Accept answers that explain what an image adds to the words, such as showing a plant part or showing the order of events. For Part 3, accept a clear three-step diagram that matches the student's sentences and an explanation of how it helps.