

Evaluate: SCR 2- Plant Structures

INSTRUCTOR:

no_reply@example.com



Vocabulary Matching (Match the term to its function)

1. _____ Xylem
2. _____ Phloem
3. _____ Anther
4. _____ Stigma
5. _____ Ovary
6. _____ Stem
7. _____ Petal
8. _____ Pistil

Definitions

- A. A signal from outside the body, like heat or noise, that causes a reaction.
- B. A chemical signal made by glands that controls activities in the body.

- C. A system of responses where the body increases a change (like more contractions during childbirth).
- D. The body's ability to keep internal conditions stable despite changes.
- E. A change from inside the body, like low oxygen or high temperature.
- F. Sends hormones to organs to regulate growth, mood, and metabolism.
- G. A process where the body works to bring itself back to a normal state (like cooling when hot).
- H. A cycle of detecting changes and responding to them to maintain balance.

Multiple Choice

9. What is the function of xylem in a plant?

- A. Transports sugars from the leaves
- B. Transports water from roots to leaves
- C. Produces flower buds
- D. Anchors the plant

10. Which flower part produces pollen?

- A. Pistil
- B. Ovary
- C. Anther
- D. Stigma

11. What is the main role of petals?

- A. Support the plant
- B. Attract pollinators
- C. Protect seeds
- D. Make food

12. Which structure is responsible for plant reproduction?

- A. Roots
- B. Flowers
- C. Leaves
- D. Stems

13. Which two parts make up the male flower structure (stamen)?

- A. Stigma and style
- B. Anther and filament
- C. Ovary and ovule
- D. Petal and stem

14. What organ system allows substances to move between roots and leaves?

- A. Reproductive system
- B. Transport system
- C. Root system
- D. Shoot system

SCR 1 – Argument-Based

Prompt: Construct an argument that plant organs (roots, stems, leaves, flowers) each have functions that support the plant's survival and reproduction.

Sentence Stems:

- *Roots help the plant by...*
- *Stems support survival by...*
- *Leaves are important for...*
- *Flowers allow the plant to...*

SCR 2 – Diagram: Labeled flower with missing part names

Prompt: Use the diagram to identify and explain the function of the labeled structures in plant reproduction.

Sentence Stems:

- **Label A is the... and it functions to...**
- **Label B is the... and it helps by...**
- **Label C is the... and it helps by...**
- **Label D is the... and it helps by...**
- **Label E is the... and it helps by...**
- **Label F is the... and it helps by...**
- **Label G is the... and it helps by...**
- **These parts work together to ensure...**

