

BOTANY, PLANT PHYSIOLOGY AND PLANT GROWTH
Lesson 5: PLANT PARTS AND FUNCTIONS
Roots

Functions of Roots

In each row, only one word bears relationship to roots. In the blank enter the first letter of the correct response.

C	Sepal	Node	Cap	Roots have a root cap; only flowers have sepals and only stems have nodes.
A	Mobilize	Anchor	Elevate	Roots should anchor a plant, not elevate. We don't want them to move.
E	Ascend	Elongate	Photosynthesize	A root should elongate, not ascend; It is not the main site of Photosynthesis.
R	Tendrils	Radicle	Chlorophyll	A radicle merges from a seed and becomes the primary root. Tendrils are above ground, and chlorophyll, for the most part, is found in leaves.
K	He(Helium)	U (Uranium)	K(Potassium)	Roots absorb potassium. Let's hope the other two are no where nearby.
T	Tip	Bud	Anther	A root has a tip. A bud is a leaf bud or flower bud. The anther is in a flower.
A	Evaporate	Perspire	Absorb	Roots absorb water and nutrients. Evaporation occurs above ground, and plants don't perspire, they respire.