

CLASS ACTIVITY - WATER ABSORPTION

1. The force necessary for the upward movement of water is called ...
2. The natural tendency for liquids to move up tubes with fine bores is called
3. The upward force that is caused by the continual entry of water into the roots is called..
4. Water enters the epidermis of the root because
5. The endodermis is able to direct the flow of water because of its..
6. Mineral salts are absorbed by active transport because...
7. The process during which the plant loses water in the form of water vapour through the aerial parts of the plant is called..

ANSWERS

1. Transpiration pull
2. Capillarity
3. Root pressure
4. The soil water has a higher water molecule concentration
5. Unthickened passage cells
6. They are absorbed against the concentration gradient and energy is required for their absorption
7. Transpiration