

(1) Roots ~~shoots~~ ^{grows} downwards towards gravity while shoots usually grow upwards and away from earth. In this way the shoots and roots of a plant respond to the pull of earth's gravity.

(2) activity - -
Take a plant and keep them in a small bottle containing water. Now close the bottle with a cork. Then keep it inside a wooden box that is provided with a small opening on one side. Then keep the box ~~and~~ in the light source so that the opening will face light source.

After 2-3 days, we will see that shoots bend towards the light but roots bend away from light. So this type of growth is termed as phototropism.