**Plant Behaviours – Plant Tropisms**

External factors that affect plants could include:

1. L
2. G
3. T
4. W

A tropism is defined as a r…………………………………….. to a stimulus such as w……………………… or light.

A positive tropism means a plant grows ……………………………….. a stimulus.

A negative tropism means a plant ………………………………………………from the stimulus.

1. Phototropism: (draw diagram explaining the effect of light on a coleoptile(first shoot of a plant))
2. Auxins – are plant hormones that are produced ………
3. Geotropism – directional growth of a plant responding to g……………
4. Thigmotropism – change of growth of a a plant in response to;
5. Heliotropism – or solar tracking
6. Photoperiodism – response of plants to periods of……….