

Plant Responses

Tropism

- a change in the environment that causes a response from the
- plant
- positive tropism- plant part grows toward something
- negative tropism- plant part grows away from something

Phototropism



- Photo- light
- The way a plant grows or bends in response to light
- positive- stem of plant grows towards light
- negative- roots grow away from light

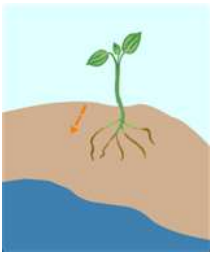
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Gravitropism


- Gravi- down
- The way a plant grows or bends in response to gravity
- positive- roots grow towards gravity
- negative- stem grows upward away from gravity
- also known as geotropism



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<p>Hydrotropism</p> 	<ul style="list-style-type: none"> • Hydro- water • The way a plant grows or bend in response to water • Positive- plant roots grow towards water • Negative- stem grows away from water

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<p>Thigmotropism</p> 	<ul style="list-style-type: none"> • Thigmo- touch • The way a plant grows or bends in response to touch • When a plant grows up the side of a fence post or house • Positive- stem grows towards object • Negative- roots grow away from object

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