

Topic 4 LT #2 Notes

Learning Target #2 - I can identify different factors that influence how organisms grow and develop.

Several factors influence how organisms grow. Some are determined by the _____ that are passed from parent to offspring during reproduction.

Other factors occur outside of the organism -

- 1)
- 2)
- 3)

Changes that plants and animals undergo overtime to increase their chances of survival are called _____. These changes are a response to the _____ in the environment.

Plants

Responses to stimuli are controlled by _____.

Example: _____ - speeds up the rate at which plant cells grow and controls a plant's response to light.

_____ - ability of a plant to grow toward or away from a stimulus.

- _____ - response to touch
- _____ - response to gravity
- _____ - response to light

Seasonal changes are caused by changing conditions brought on by the seasons.

_____ - response to seasonal changes related to the length of night and day.

_____ - response to freezing temperatures and the lack of liquid water.

Ideal environmental conditions that allow a plant to reach its maximum size

- 1)
- 2)
- 3)
- 4) space
- 5) pest free