

9.3 Growth in Plants

Meristems

Define meristems

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Compare growth due to apical and lateral meristems

Apical Meristems	Lateral Meristems
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Plant Signalling

Identify one function of each of the following plant hormones

Auxin:

Gibberellin:

Cytokinin:

Absciscic Acid:

Ethylene:

Describe the role of auxin in apical dominance

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Outline how auxin concentration gradients may be established within plant tissue

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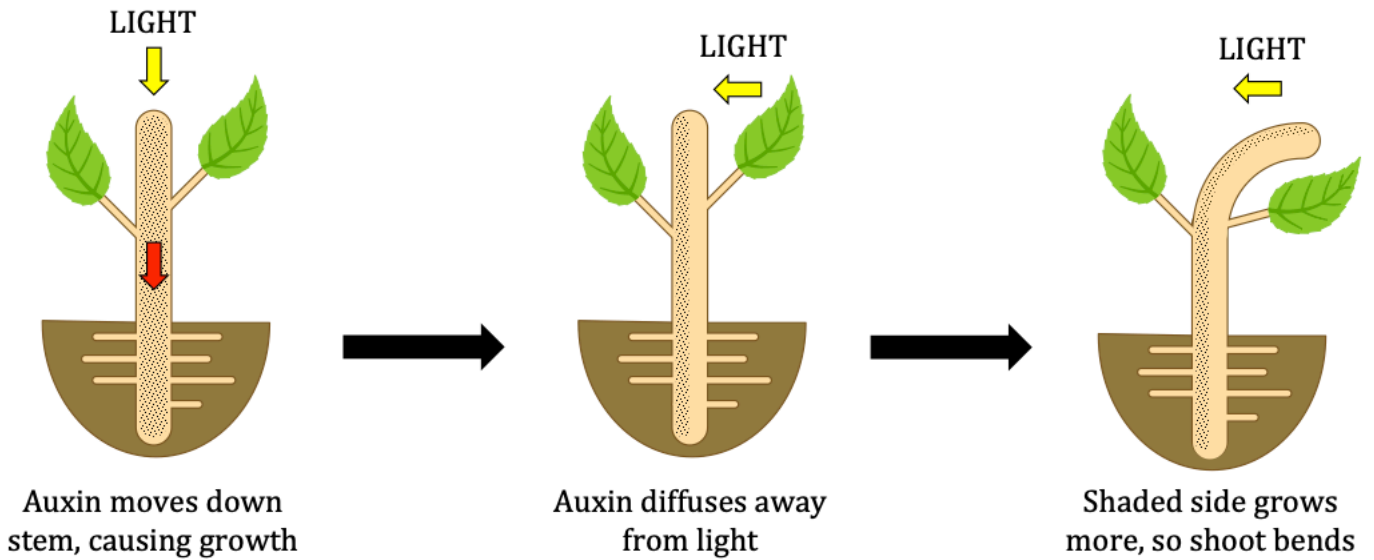
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Tropisms

Define tropism and give two specific examples

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- 1.
- 2.

With the aid of the diagram, explain the role of auxin in phototropism in shoots **and** roots



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Describe the process of micropropagation and provide three examples of potential applications

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- 1.
- 2.
- 3.