

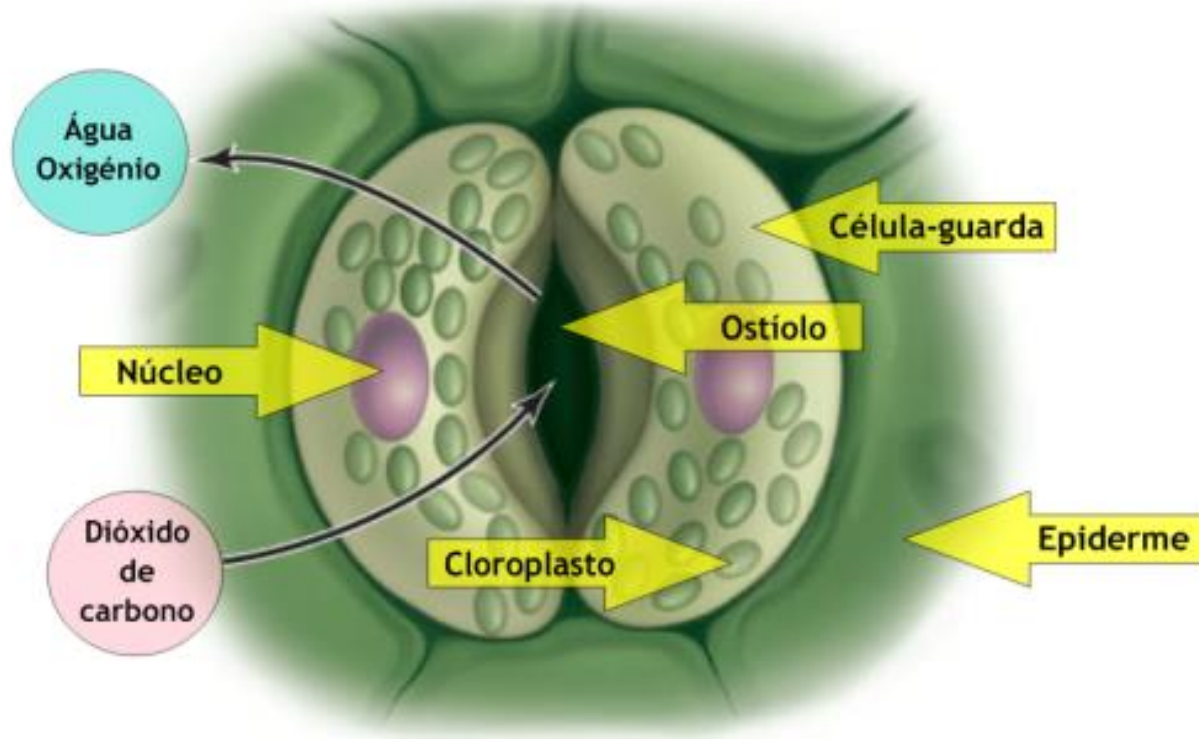


Unidade 2

Obtenção de matéria: heterotrofia e autotrofia

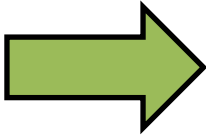
Mecanismo de abertura dos estomas

Constituição dos estomas

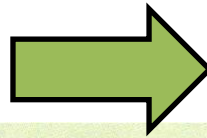


Mecanismo de abertura dos estomas

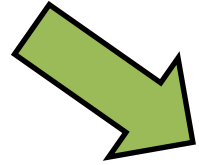
Luz Solar



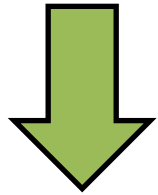
Fotossíntese



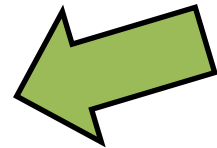
Diminui CO₂



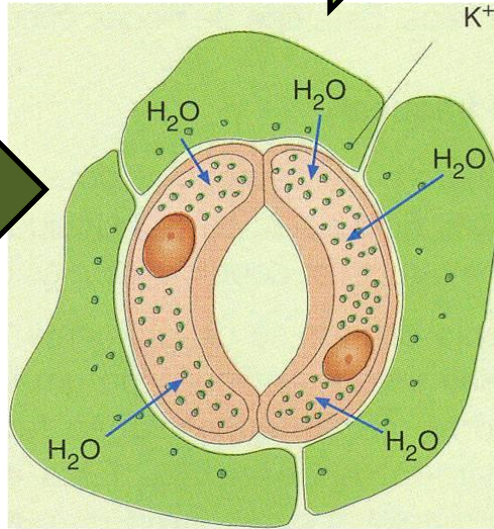
Aumenta o pH



Ativa a Fosforilase



Estoma Abre

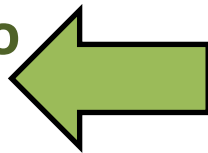


Hidrólise do Amido nas células-guarda

Água entra por osmose

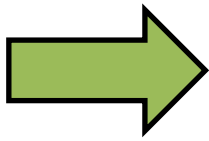


Aumenta concentração de glicose

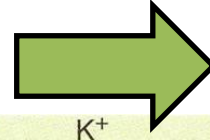


Mecanismo de encerramento dos estomas

Sem Luz



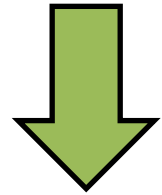
Para Fotossíntese



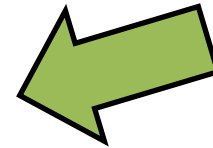
Aumenta CO₂



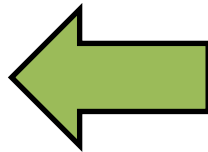
Baixa o pH



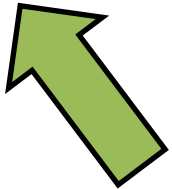
Inativa a Fosforilase



Glicose polimerisa em amido



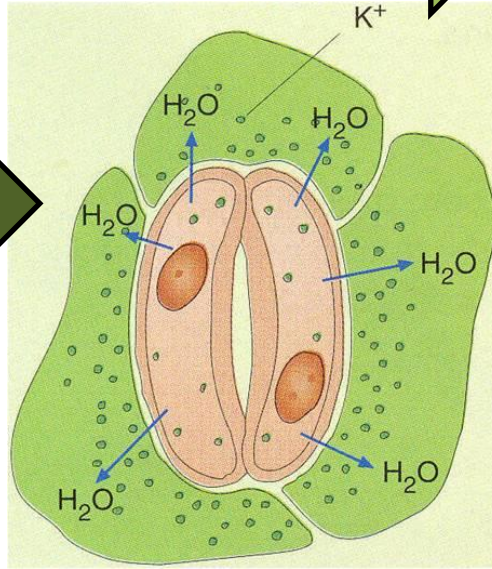
Amido é insolúvel



Água sai por osmose



Estoma Fecha



Epiderme do caule da *Tradescantia*

