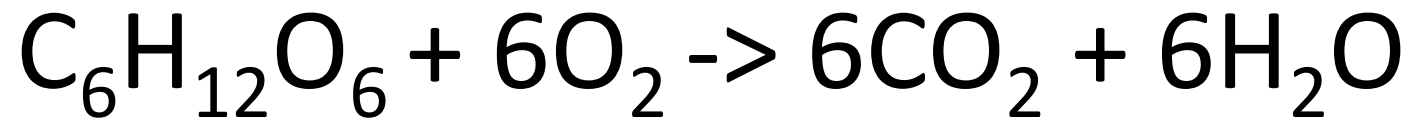
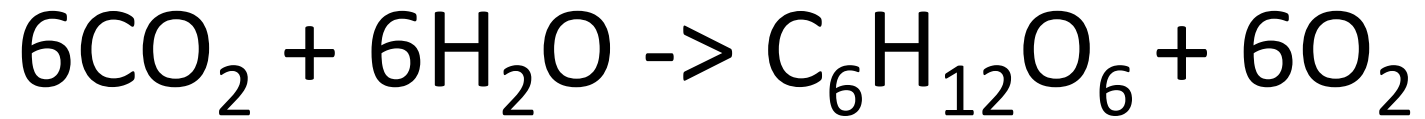
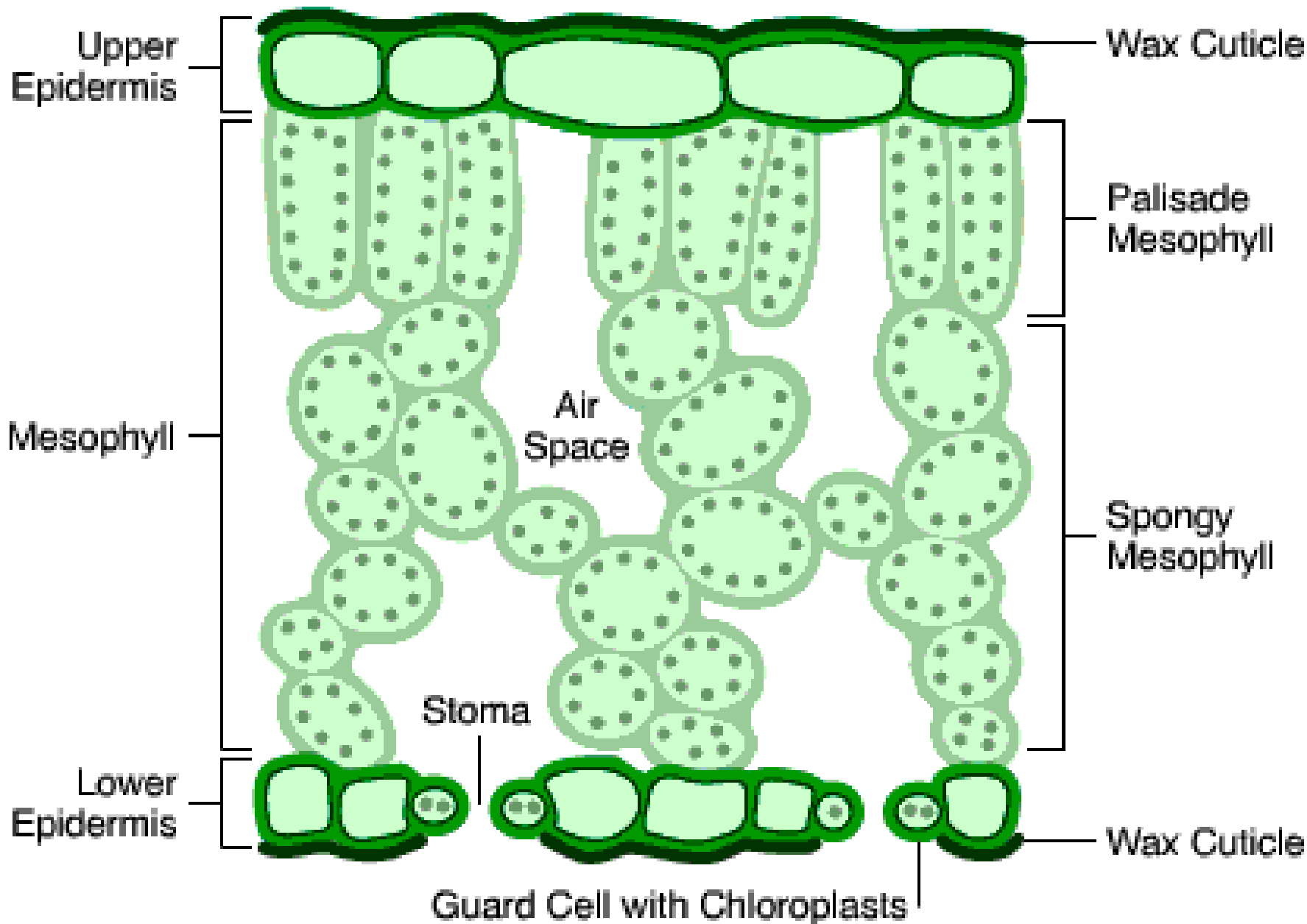


Plants

The background features several large, stylized question marks in various colors: green, purple, pink, and cyan. Each question mark has a thick, rounded stem and a spiral top. The colors are vibrant and the overall style is playful and decorative.

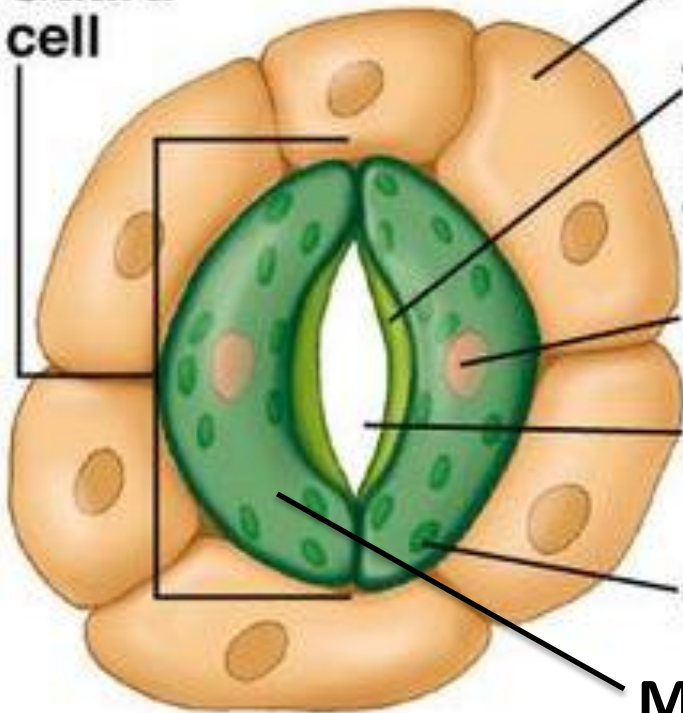
**What are
adaptations of
gas exchange
surfaces???**





Stoma

Guard cell



Surface View

Epidermal cell

Thickened inner wall of guard cell

Nucleus

Stoma

Chloroplast

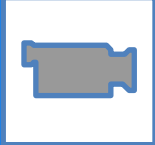
Mitochondria

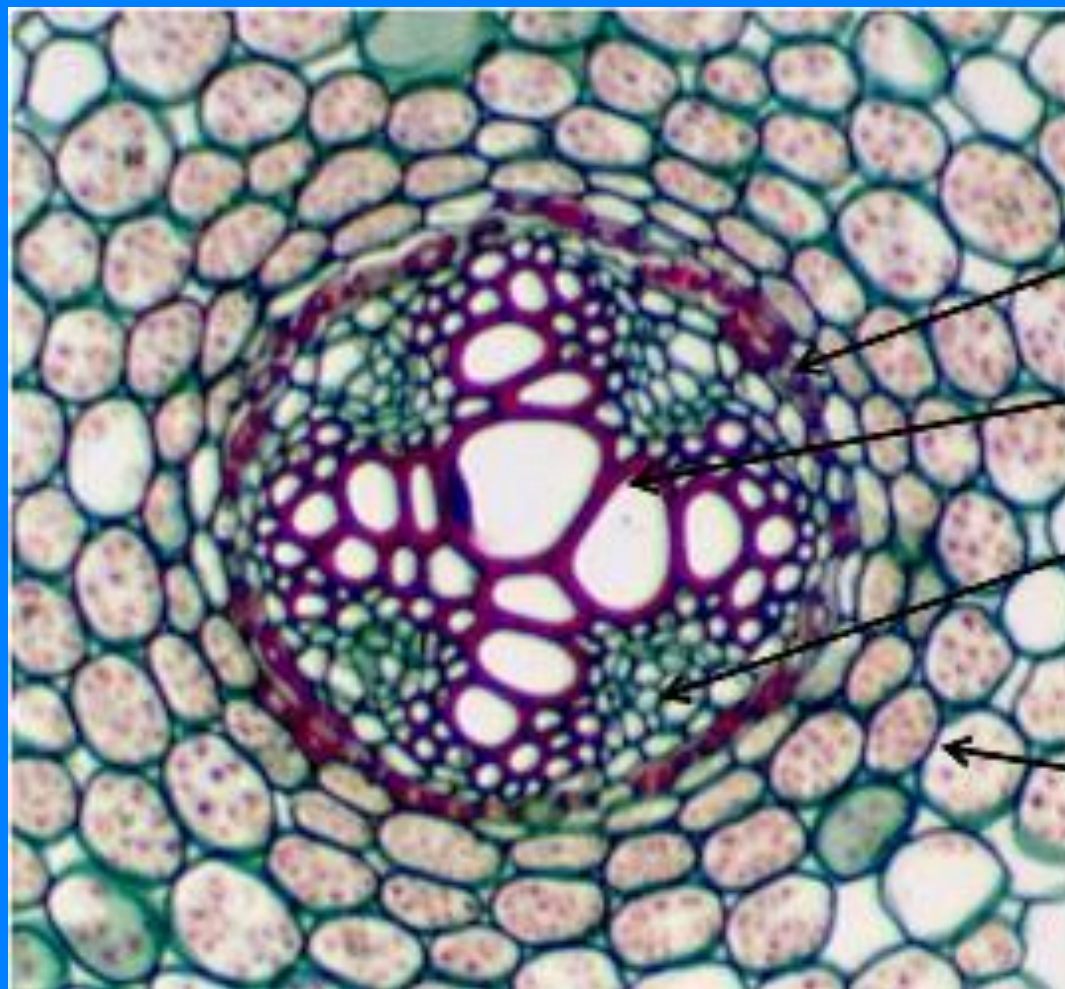
Epidermal cell

Guard cell



Cross Section



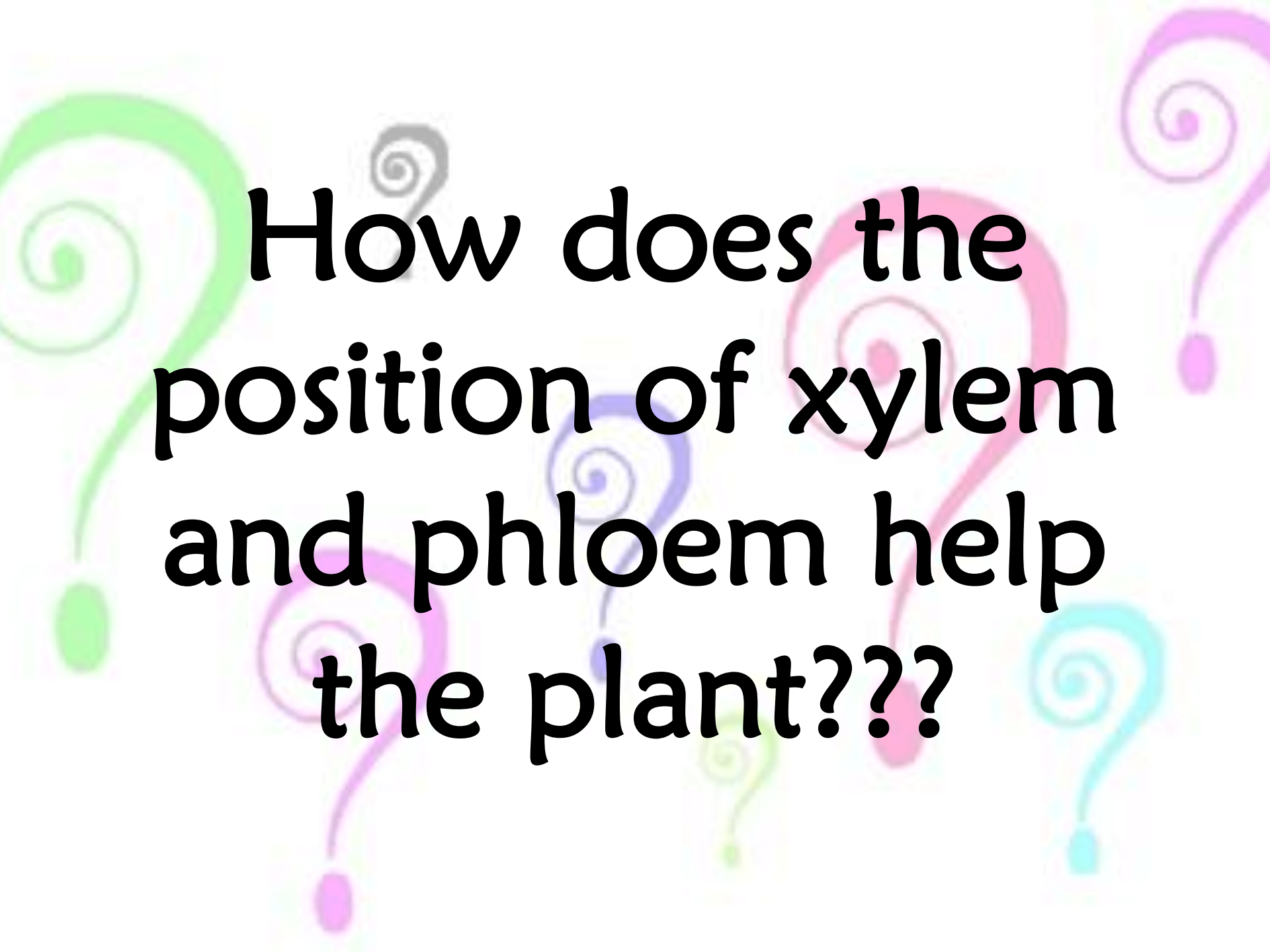


endodermis

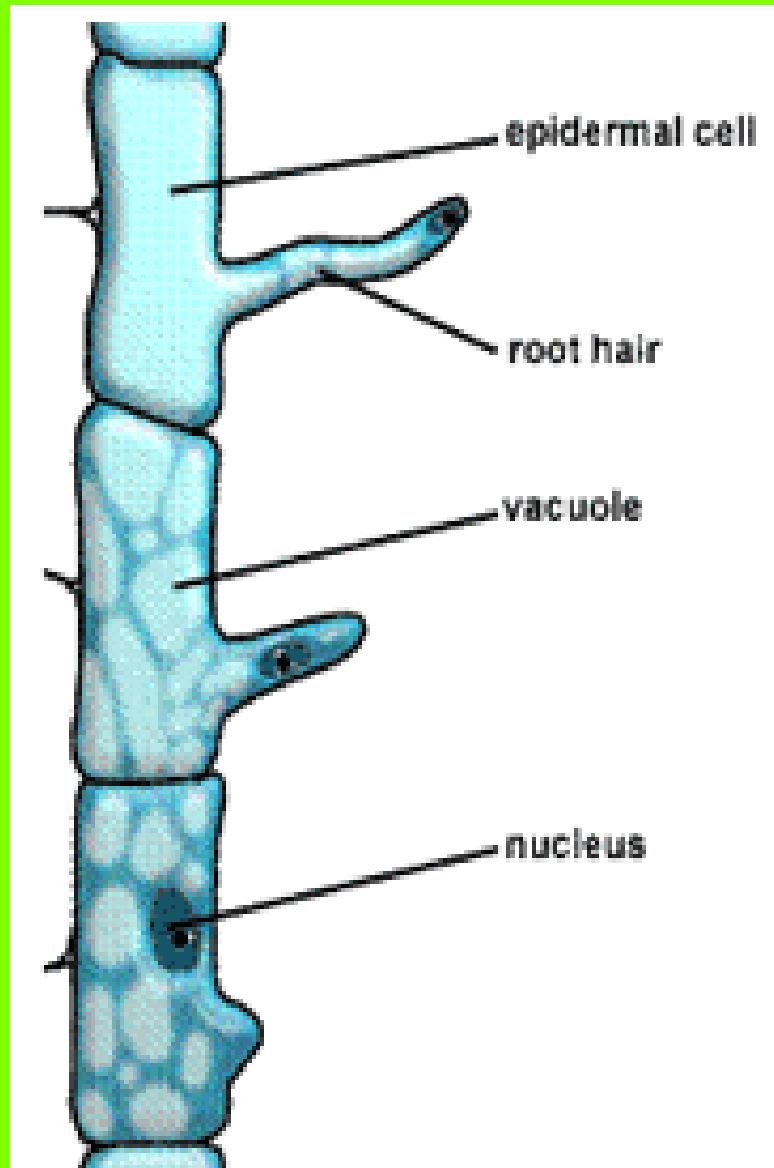
xylem

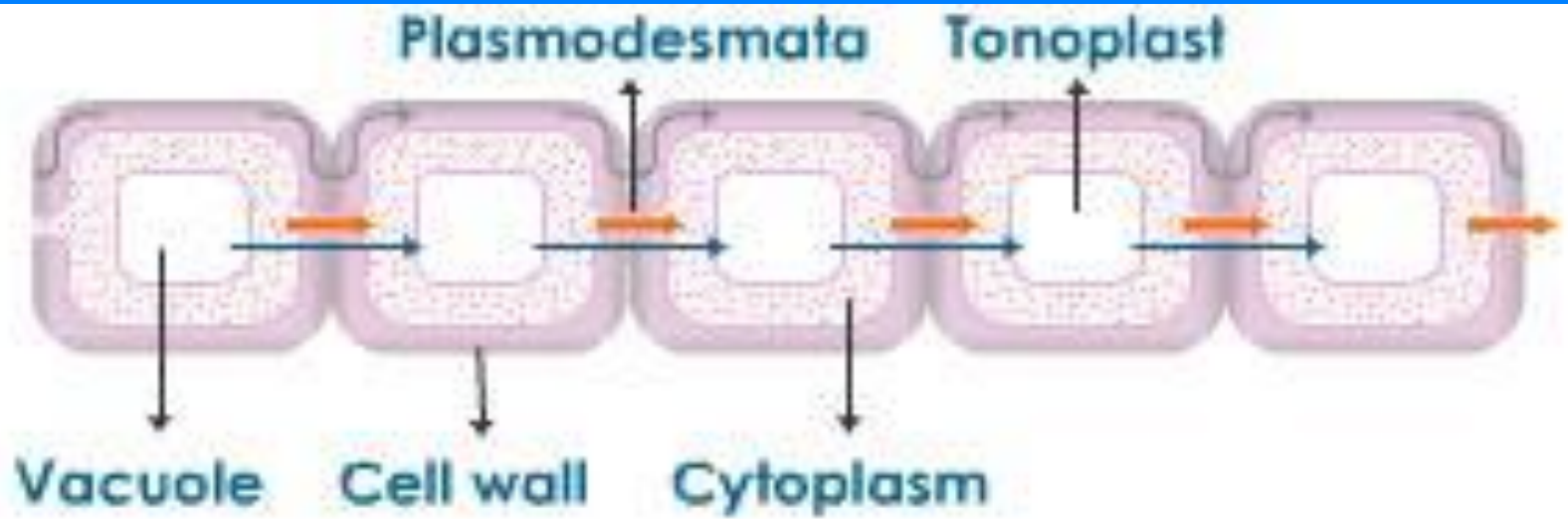
phloem




cortex
(parenchyma)

The background features several large, stylized question marks in various colors: green, purple, pink, and cyan. Each question mark is composed of a thick, curved line that spirals inward, ending in a small, solid-colored oval. The question marks are scattered across the white background, some overlapping.

**How does the
position of xylem
and phloem help
the plant???**

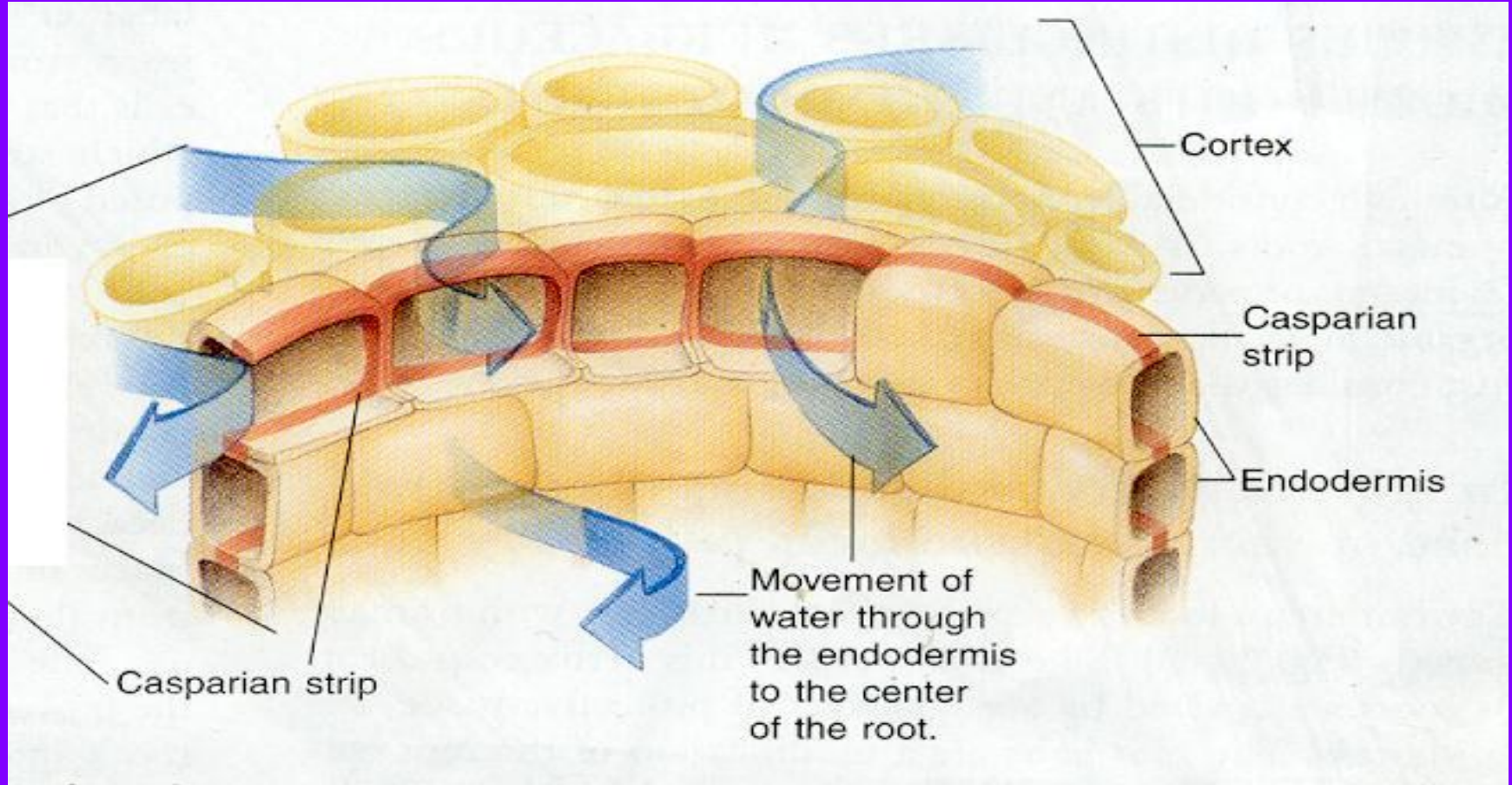




-  Apoplast pathway
-  Symplast pathway
-  Vacuolar pathway

Three Pathways of Water Movement

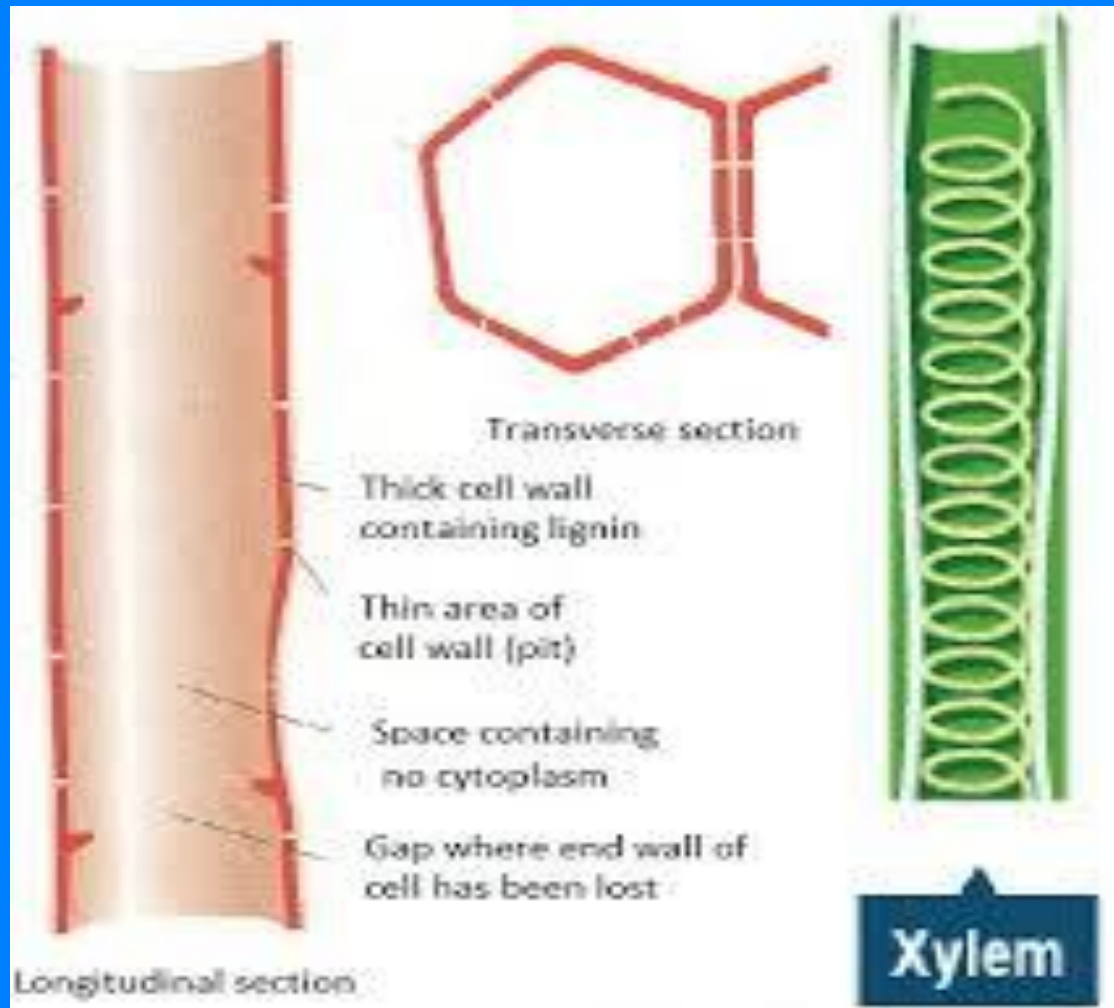
Endodermis & Casparian Strip



The background features several stylized question marks in various colors (green, purple, pink, blue) and swirls, creating a decorative and inquisitive atmosphere.

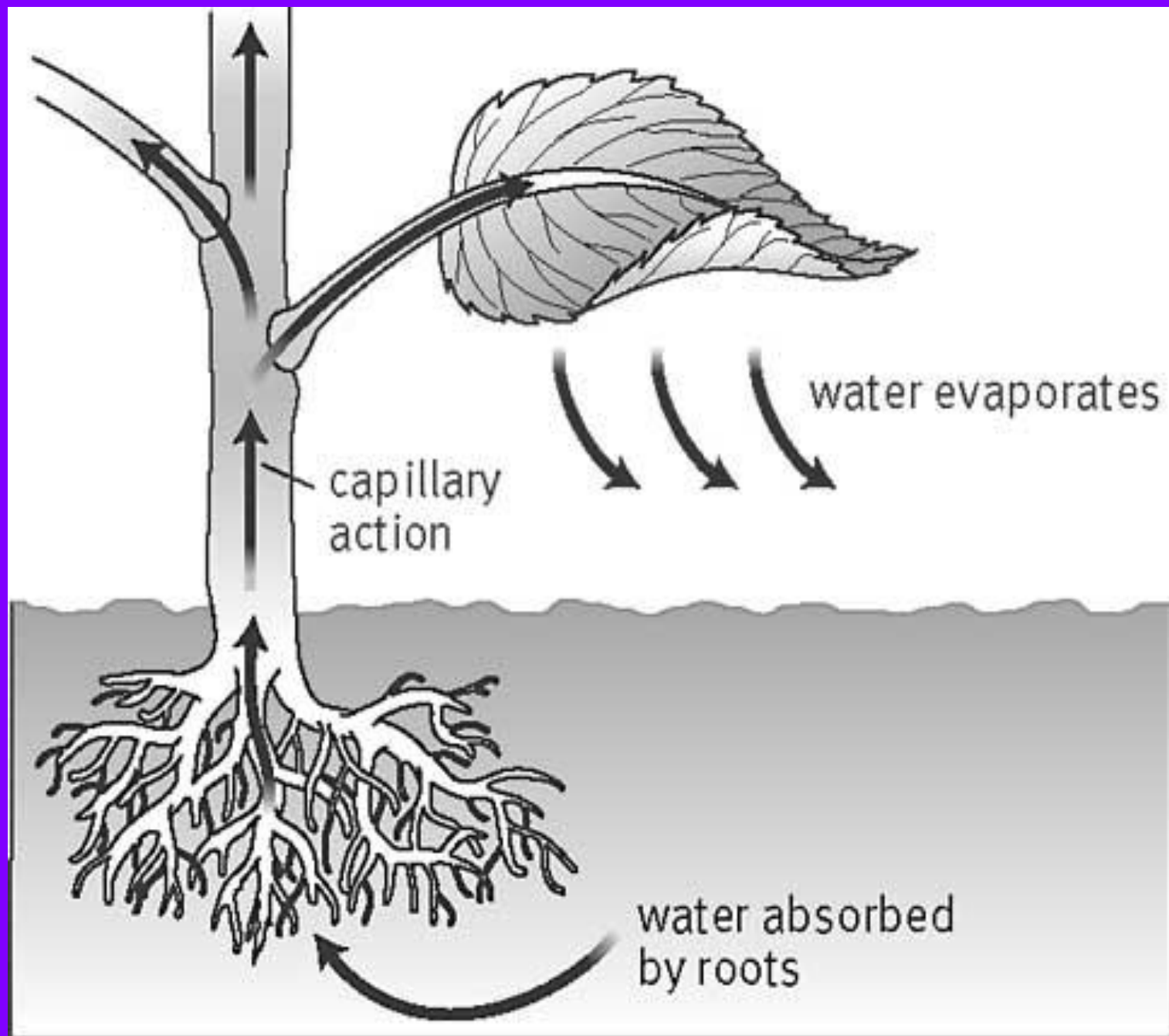
**What does the
casparian strip
do??**

Xylem Structure

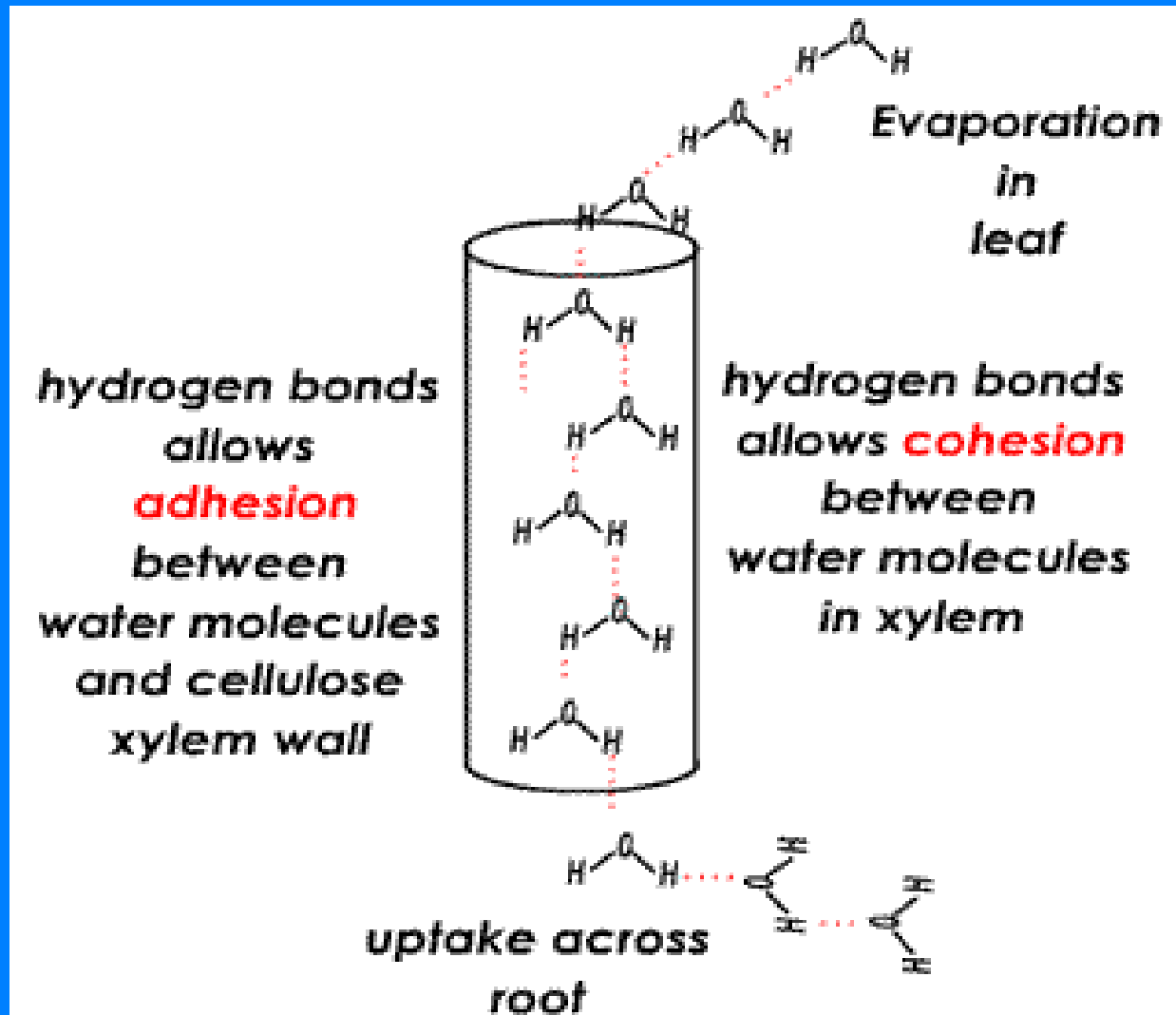


The background features several stylized question marks in various colors (green, purple, pink, blue) with spiral patterns, set against a white background. The text is centered and reads:

**What is
transpiration
??**

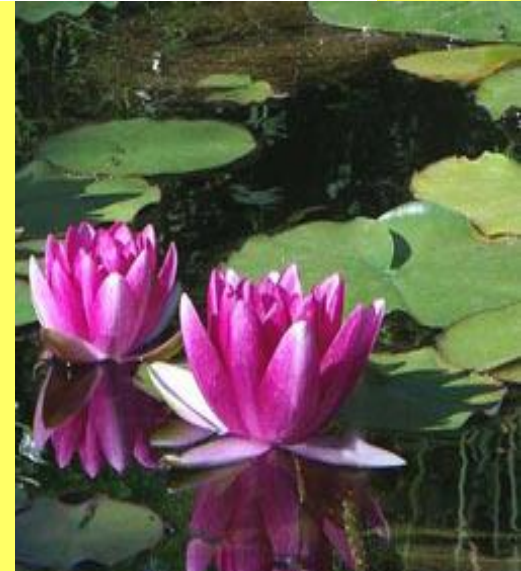


Cohesion-Tension Theory



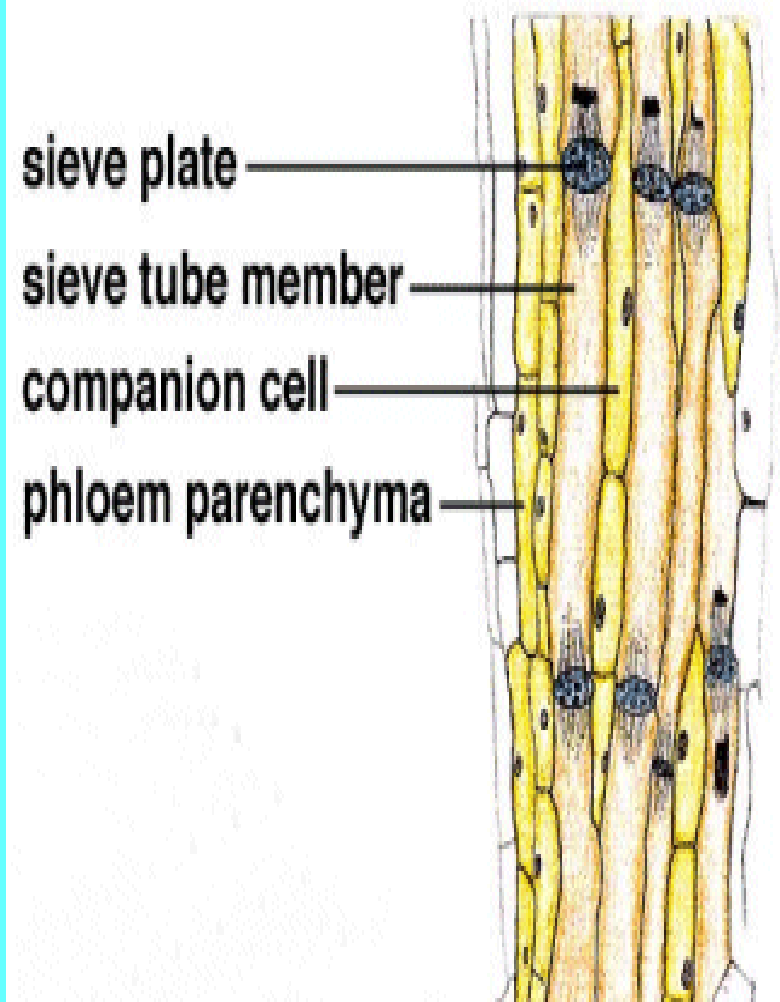
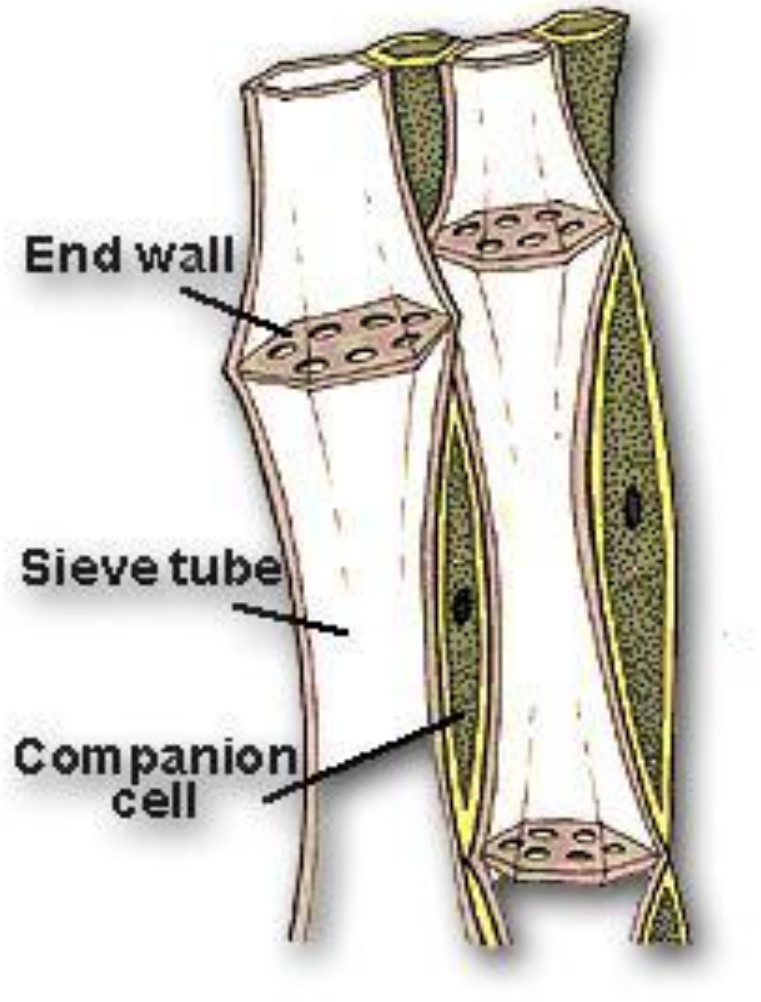
Xerophytes & Hydrophytes

TASK: Research the adaptations of xerophytes and hydrophytes.

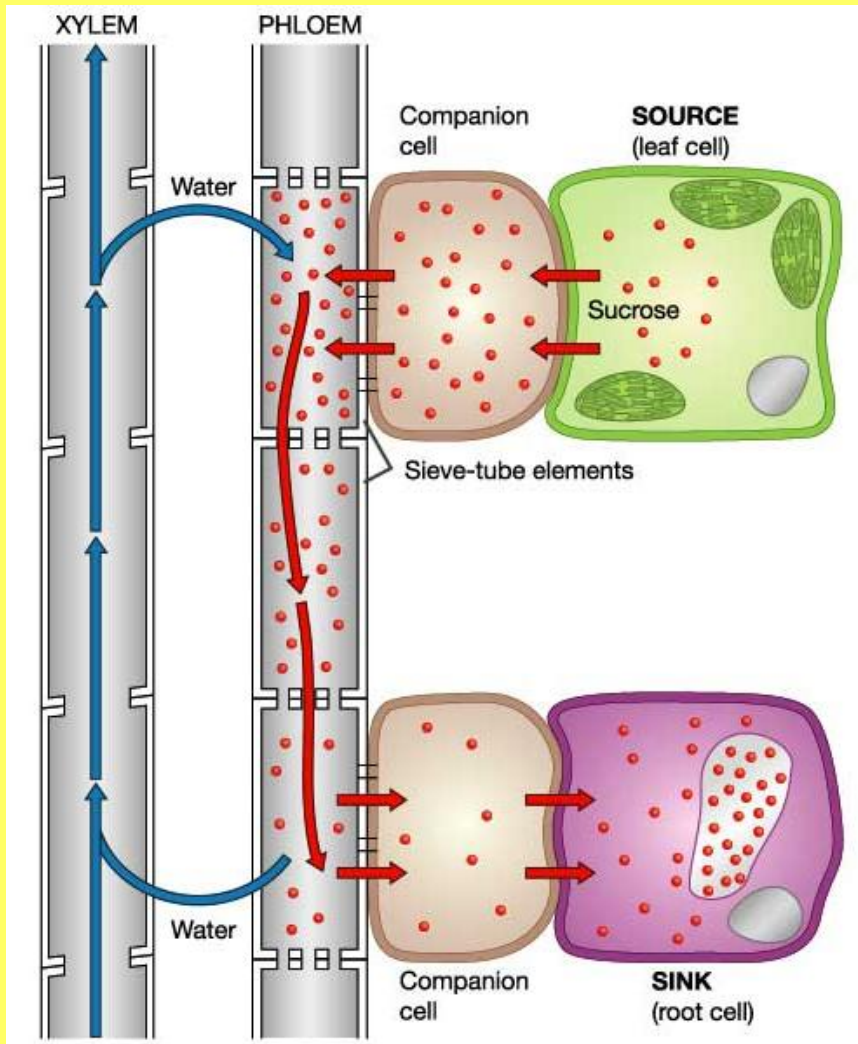


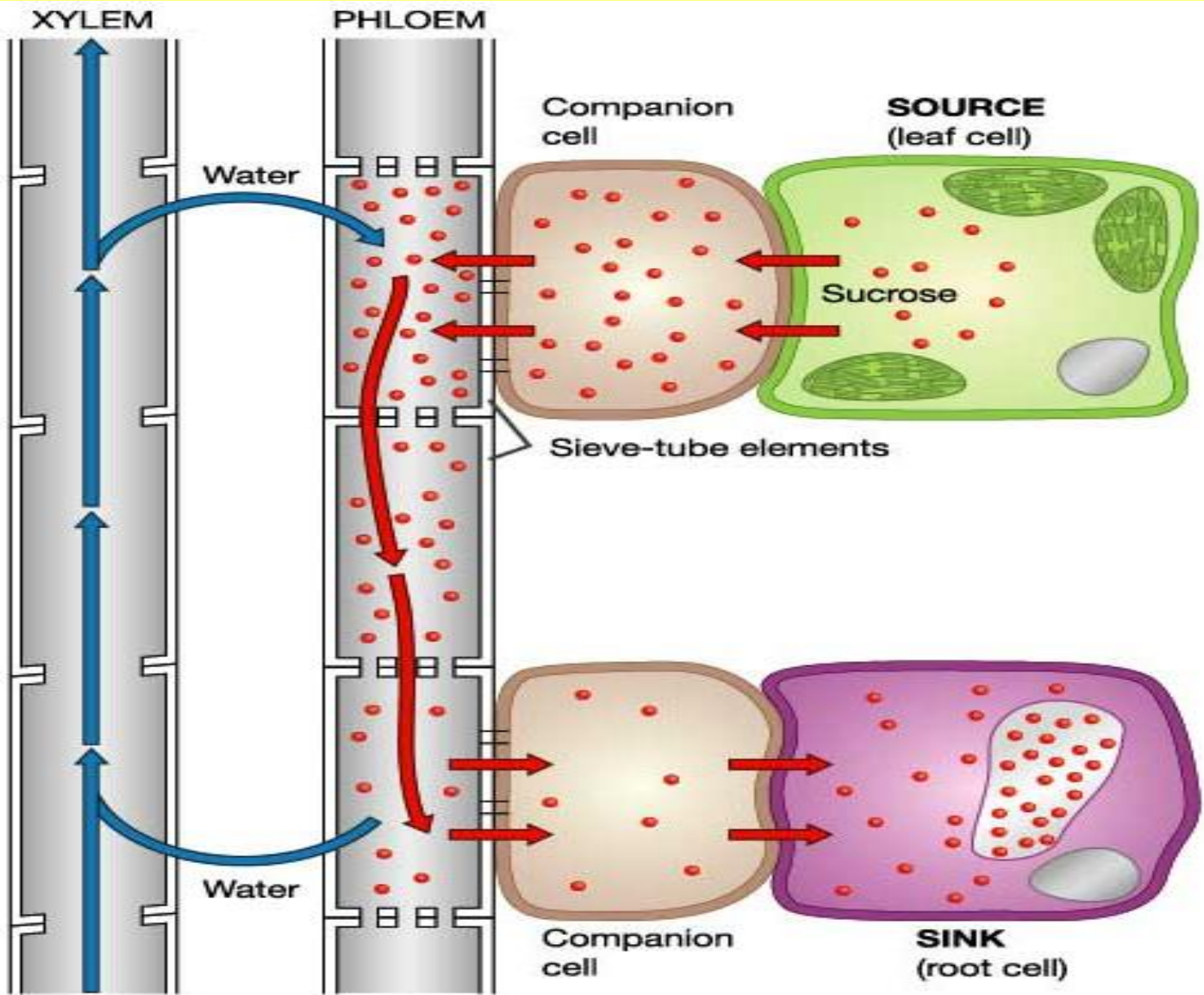
(C grade) list the adaptations of xerophytes and hydrophytes
(B grade) include labelled diagrams of xerophytes and hydrophytes
(A grade) explain how these are adaptations for the plants

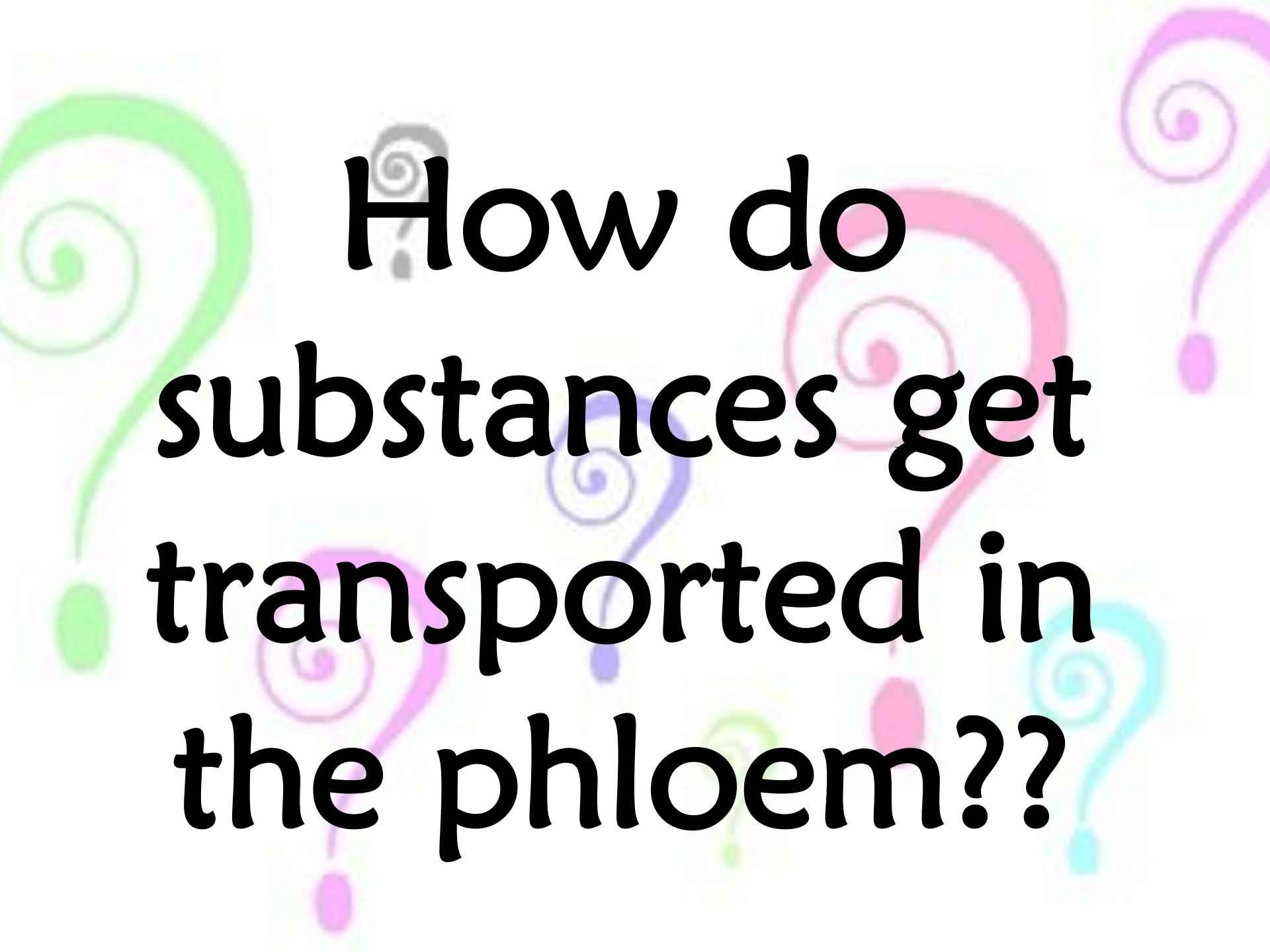
Phloem



Transport from Source to Sink





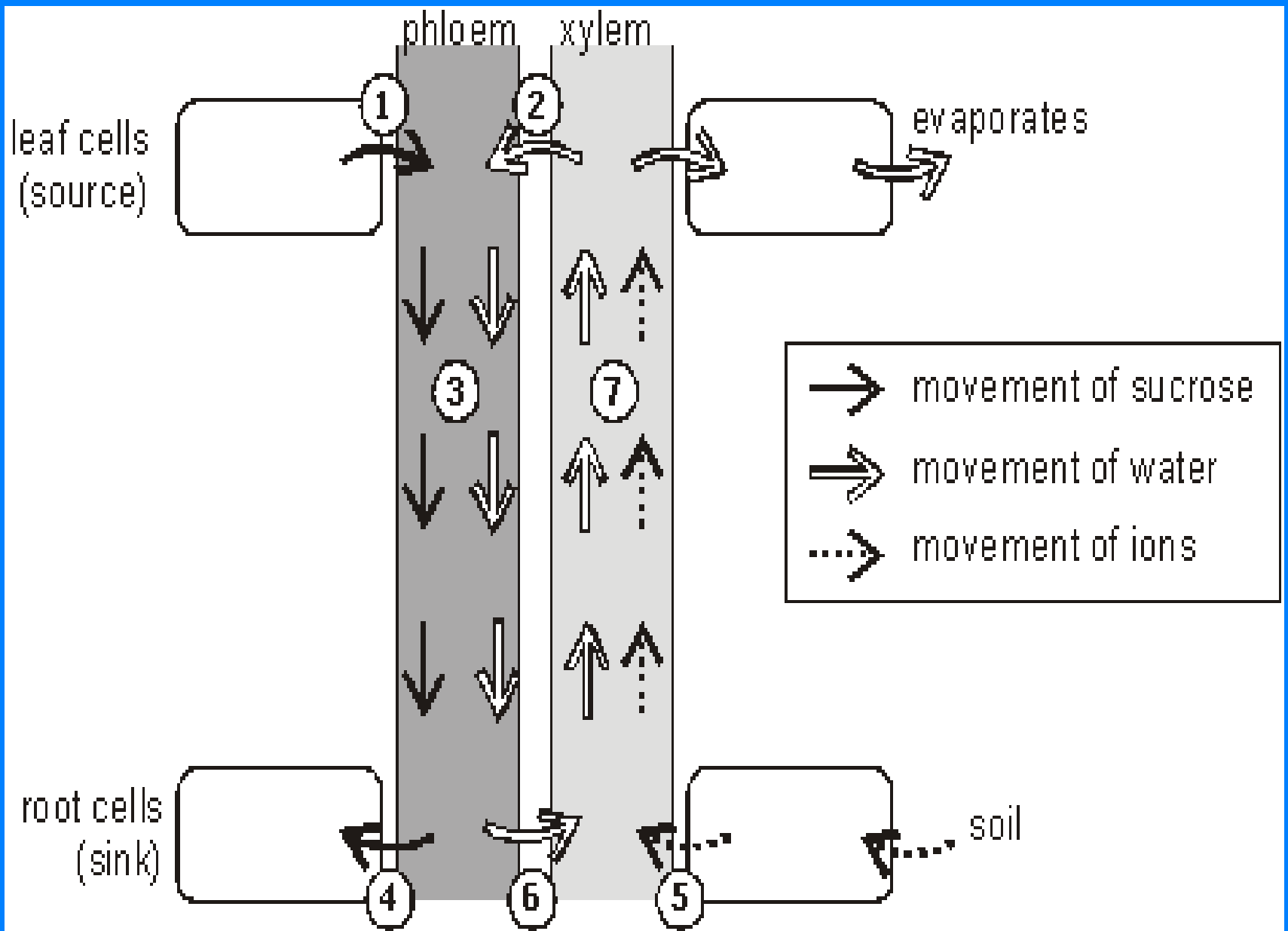
The background features several large, stylized question marks in various colors: green, purple, pink, and light blue. Each question mark has a decorative swirl at the top and a small dot at the bottom. The text is centered and written in a large, bold, black font.

**How do
substances get
transported in
the phloem??**

Diffusion

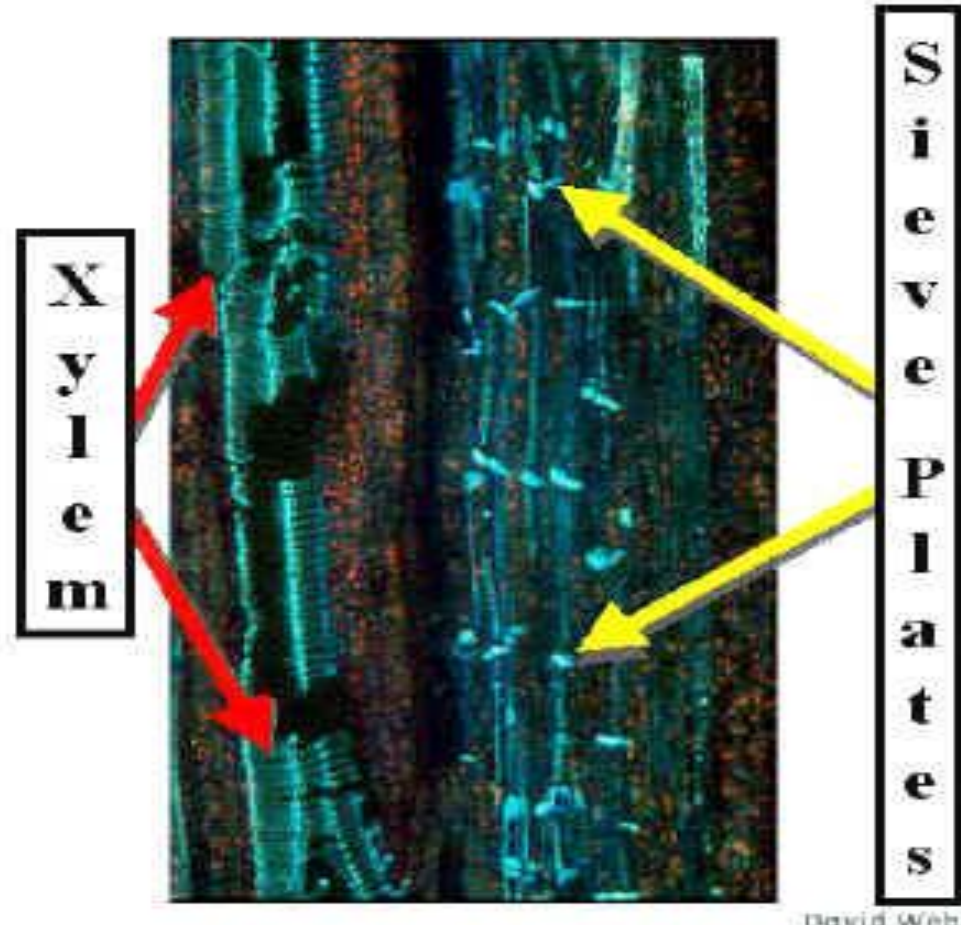
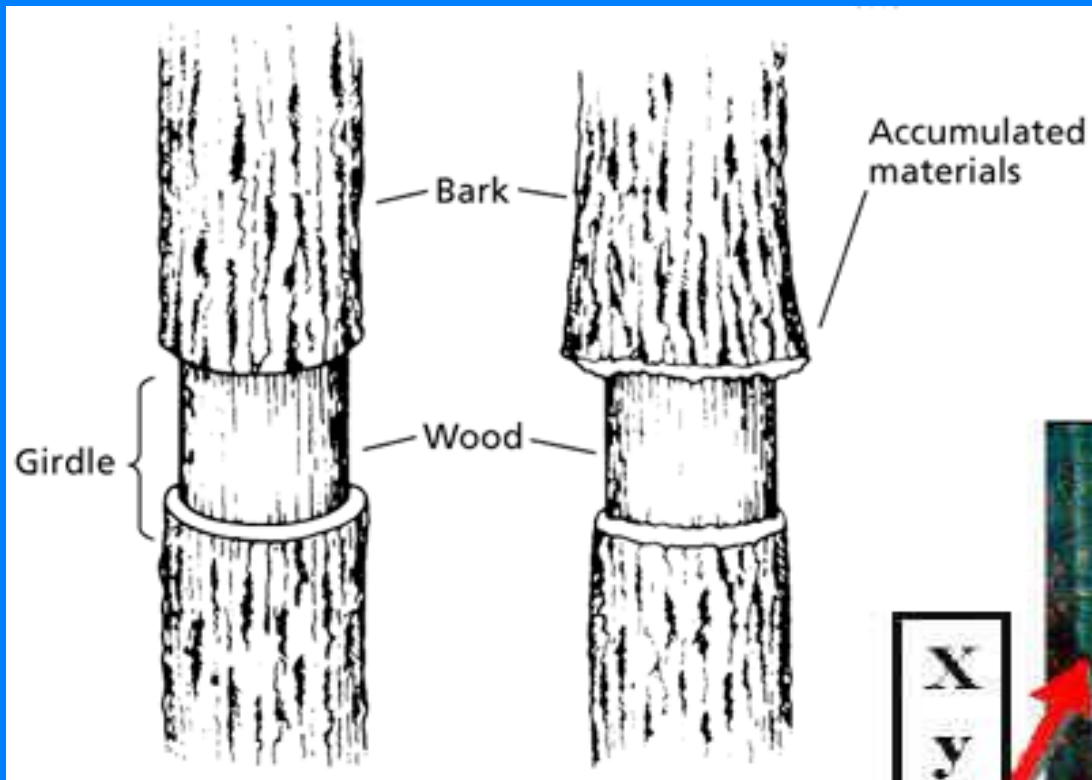
Cytoplasmic Strands

Mass Flow



The background features several large, stylized question marks in various colors: green, purple, pink, and cyan. Each question mark is accompanied by a decorative swirl of the same color, creating a whimsical and inquisitive atmosphere.

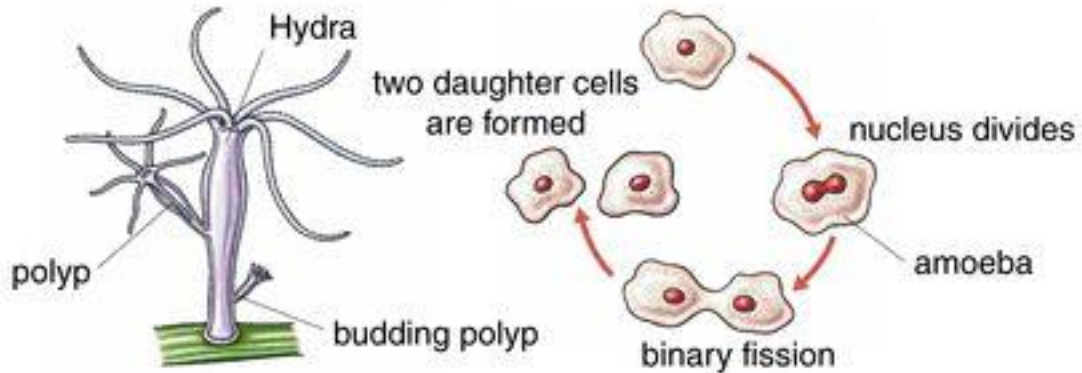
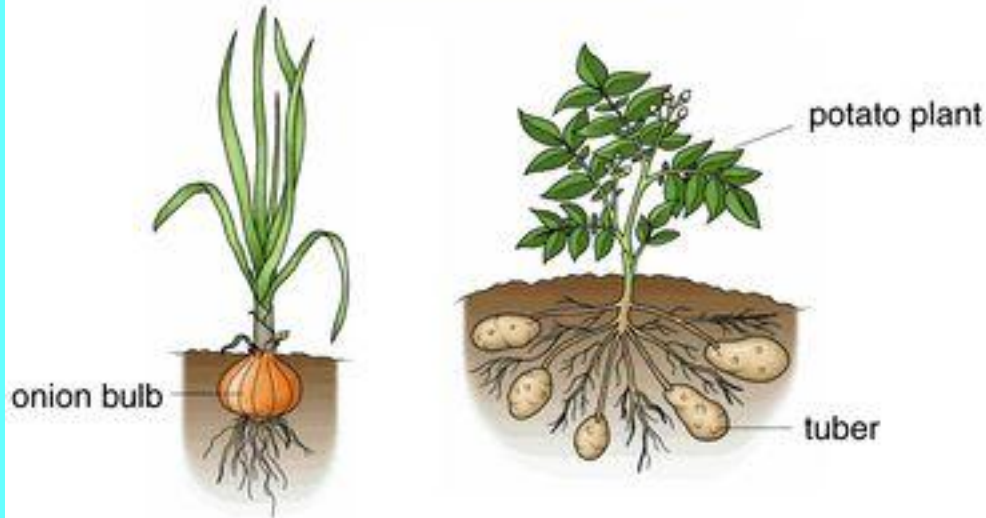
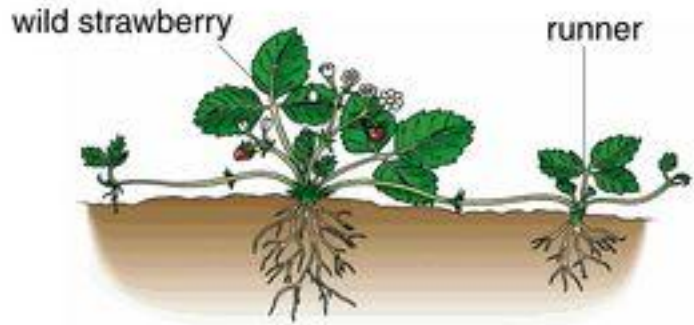
**How do we
know what is
transported in
phloem??**



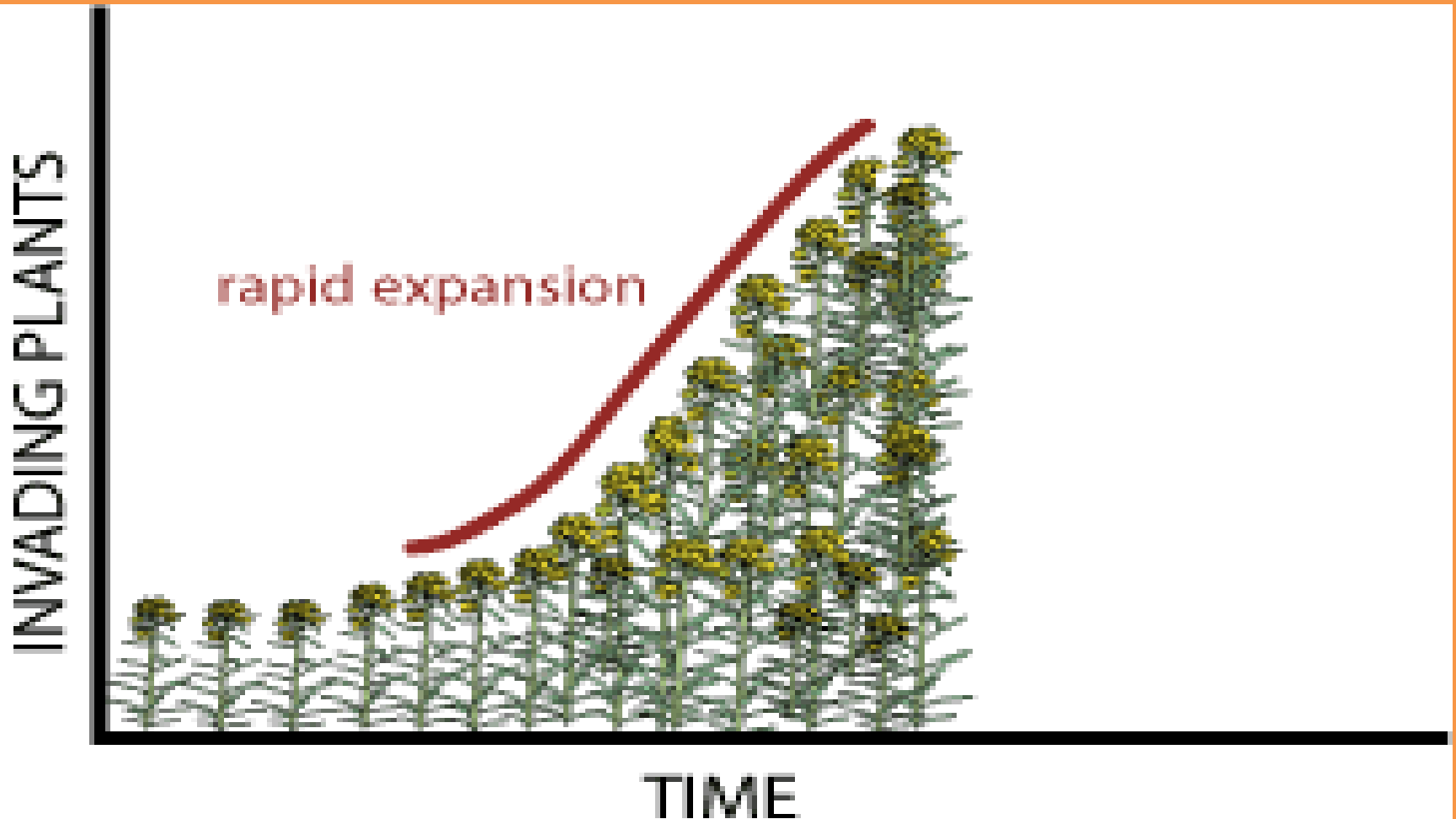
The background features several large, stylized question marks in various colors including green, purple, pink, and cyan. These question marks are intertwined with decorative swirls of the same colors, creating a vibrant and thematic backdrop for the text.

**What is the
difference
between sexual
and asexual
reproduction??**

Asexual reproduction



Reproductive Strategies





Seed coat

Embryo

Cotyledon

