

WJEC Wales Biology

A-level

SP Unit 2 02c - Drawing of T.S. Leaf

Flashcards



What is a plant diagram?



What is a plant diagram?

A large diagram showing the relative shapes and proportions of tissues, but no cells.



Which tissues should be labelled in a diagram of a leaf cross section?



Which tissues should be labelled in a diagram of a leaf cross section?

Upper and lower epidermis, guard cells

Palisade mesophyll, spongy mesophyll

Xylem, phloem

Cuticle, collenchyma, sclerenchyma



What is the formula to calculate magnification?



What is the formula to calculate magnification?

Magnification = size of image / size of object



How is the magnification of a drawing calculated?



How is the magnification of a drawing calculated?

Calibrate the eyepiece graticule using a stage micrometer. Measure the length using the eyepiece graticule.

Measure the length of the image using a ruler. Calculate magnification using these values.

