

Notes on Microscope Drawings

Based on video:

https://www.youtube.com/watch?v=NLKZ95aHqE4&t=489s&ab_channel=BeverlyBiology

Field of view: the view you see when examining a specimen

Needs:

1. Title: explains what the specimen is
 - Be specific, e.g. "cells from an onion peel" instead of "cells" or "drawing"
2. Total magnification: power of the microscope (multiply magnification of eyepiece with magnification of objective lens)
 - E.g. "100x" instead of "medium power"
3. Accurate depiction/drawing
 - Use pencil
 - Draw what you actually see instead of what you think you should see
 - Colour does not matter
 - Unnecessary to complete entire field of view as long as remainder is similar enough
 - Fair representation of what you see; should be roughly to scale (and definitely if you're drawing the same thing in two different magnifications, the higher magnification should be much more zoomed in)
4. Labels: identifying parts/characteristics
 - Use straight line touching the cell part you're identifying. Don't use an arrow.
 - Put the label outside the field of view.
 - Lines shouldn't criss cross. Label lines and labels should be horizontal.