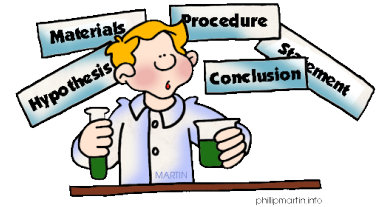
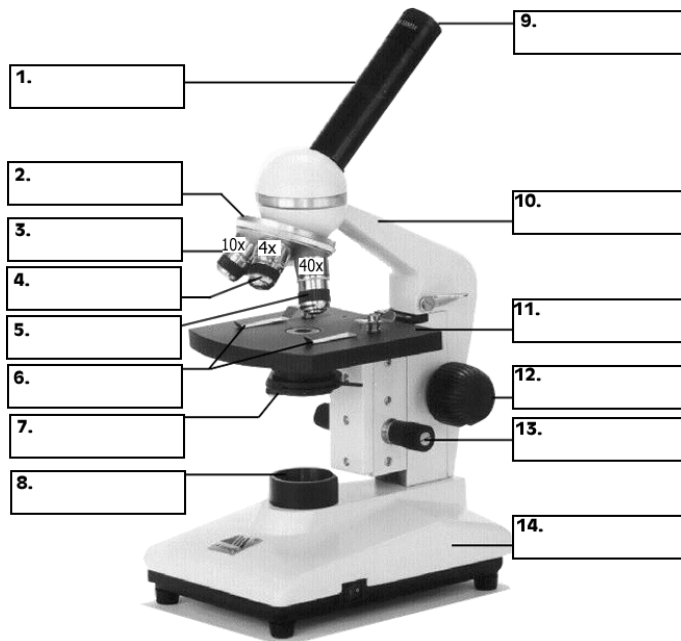


You need to know the content of this sheet. 100%

# 100% Practical Sheet Microscopy



Use a light microscope to observe, draw and label a selection of plant and animal cells.



*"What is it? What is it for?"*

- |    |     |
|----|-----|
| 1. | 10. |
| 2. | 11. |
| 3. | 12. |
| 4. | 13. |
| 5. | 14. |
| 6. |     |
| 7. |     |
| 8. |     |
| 9. |     |

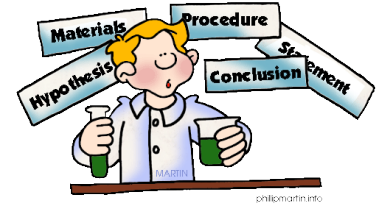
*"What do you do with it?"*

Describe how to prepare a slide of onion cells.

Why is iodine used?

You need to know the content of this sheet. 100%

# 100% Practical Sheet Microscopy



## Organisms

are organised on a cellular basis and require a supply of energy or materials.

*“What do you learn? What if...? What else... ?”*

1. From memory, summarise the method used. Use as few sentences as possible. Include the steps for calculating the real size of the cell.
2. List as many safety precautions as you can think of, throughout all steps.
3. What is the formula for calculating magnification? How would rearrange it to calculate the real size of the cell?