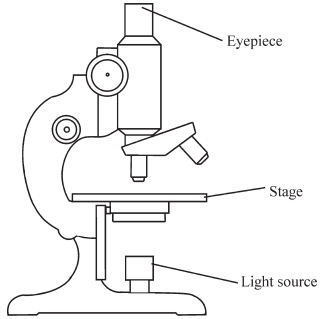
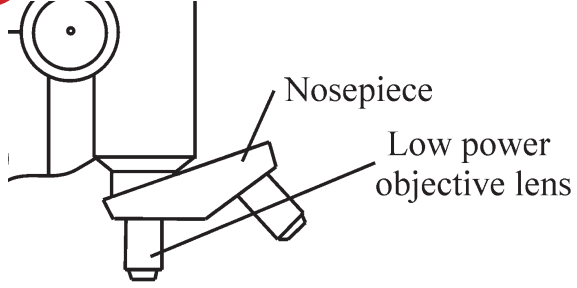
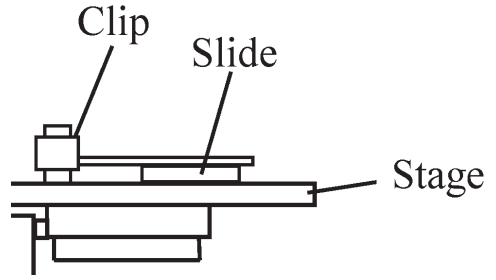
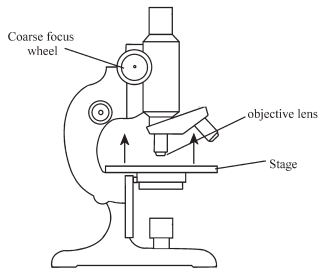


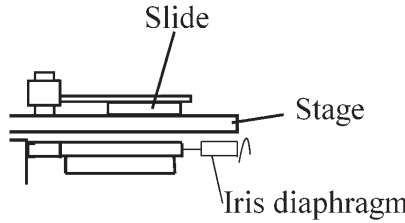
4.2 (a) To be familiar with and use the light microscope

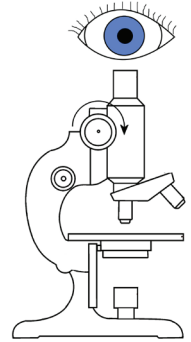
- 

Switch on the light source and remove the eyepiece cover, if present.
- 

Rotate the nosepiece so that the low power objective lens is in use.
- 

Put a prepared slide above the hole in the stage. Secure with the clips.
- 

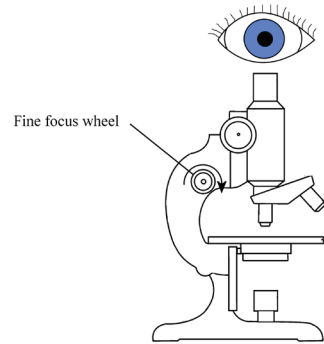
Using the coarse focus wheel, ensure that the low power objective lens is as close as possible to the slide.
- 

Adjust the iris diaphragm if the light is too bright.
- 

While looking through the eyepiece, use the coarse focus wheel to focus on the slide.

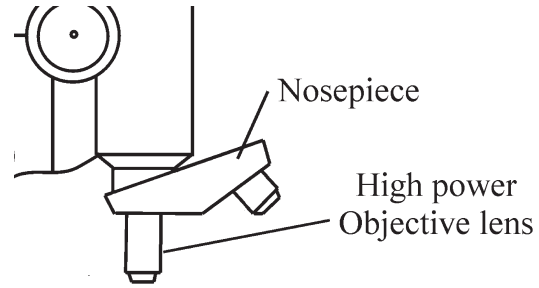
Always remember – Leave time to tidy up *This page can be printed in colour from the accompanying DVD*

7



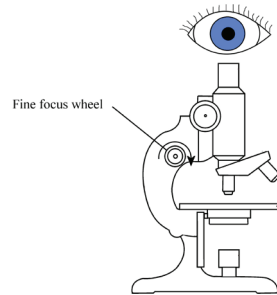
Still looking through the eyepiece, use the fine focus wheel to sharpen the focus.

8



Rotate the nosepiece to the next highest power objective lens.

9



Re-focus using the fine focus wheel. Repeat steps 8 and 9 to view the slide under high power.

10

Draw labelled diagrams of your observations under low power and under high power.

Results

Always remember – Leave time to tidy up

This page can be printed in colour from the accompanying DVD