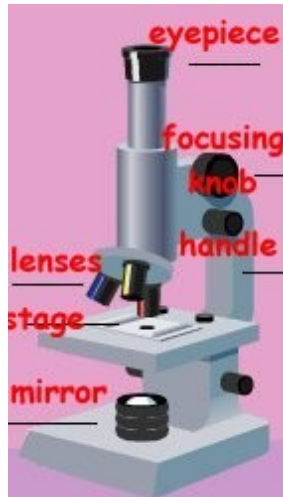


Microscope

1. Label the parts of the microscope and colour the lenses.
Lenses - stage - handle - mirror - eyepiece - focussing knob



2. Calculate the total magnification.

Eyepiece	Objective lens	Total
X10	X10	X100
X10	X4	X40
X10	X40	X400

3. Rachel has trouble seeing her slide. Suggest 2 things she could try.

You need light

The slide must be clean.

You must secure the stage clips.

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4. Robert Hook (1665) was one of the earliest scientists to develop and use microscopes. Why do you think microscopes are important?

Because they magnify the image of small objects.