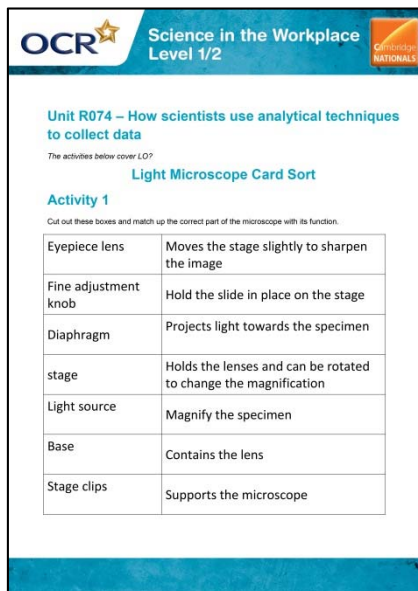


Unit R074 – How scientists use analytical techniques to collect data

Light Microscope Card Sort

Instructions and answers for teachers

The activity below covers LO3: Be able to examine and record features of samples



OCR Science in the Workplace Level 1/2 Cambridge Nationals

Unit R074 – How scientists use analytical techniques to collect data

The activities below cover LO3

Light Microscope Card Sort

Activity 1

Cut out these boxes and match up the correct part of the microscope with its function.

Eye-piece lens	Moves the stage slightly to sharpen the image
Fine adjustment knob	Hold the slide in place on the stage
Diaphragm	Projects light towards the specimen
stage	Holds the lenses and can be rotated to change the magnification
Light source	Magnify the specimen
Base	Contains the lens
Stage clips	Supports the microscope

Associated files:

Units Card Sort (activity)

Activity 1 – approx. 10 mins



This activity offers an opportunity for English skills development.

In this activity learners could learn the functions of each part of the microscope by completing a card sort activity. The correct answers are detailed on the following page.

Activity 1

Eyepiece lens	Contains the lens
Fine adjustment knob	Moves the stage slightly to sharpen the image
Diaphragm	Change the amount of light reaching the specimen
stage	The surface that supports the slide whilst it is being viewed
Light source	Projects light towards the specimen
Base	Supports the microscope
Stage clips	Hold the slide in place on the stage
Coarse adjustment knob	Moves the stage up and down for focusing
Nosepiece	Holds the lenses and can be rotated to change the magnification
Objective lenses	Magnify the specimen

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OCR Resources: the small print

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