



LabSkills activity	IB specification
Basic laboratory skills	
Weighing	All topics and options
Measuring volumes	All topics and options
Diluting solutions	All topics and options
Heating	All topics and options
Cooling	All topics and options
pH and buffers	Topic 3.6 Enzymes
	Topic 3.7 Cell respiration
	Topic 6.1 Digestion
	Option G1 Community ecology
Biological techniques	
Potometry	Topic 3.8 Photosynthesis
	Topic 8.2 Photosynthesis
	Topic 9.2 Transport in angiospermophytes
	Option C4 Photosynthesis
Respirometry	Topic 3.7 Cell respiration
	Topic 8.1 Cell respiration
	Option C3 Cell respiration
Spirometry	Topic 6.4 Gas exchange
	Option B2 Training and the pulmonary system
Sampling in the field	Option G1 Community ecology
	Option G5 Population ecology
Biochemical techniques	
Food tests	
Chromatography	
Colorimetry	Topic 3.8 Photosynthesis
Centrifugation	
PCR	Topic 4.4 Genetic engineering and biotechnology
Electrophoresis	Topic 4.4 Genetic engineering and biotechnology
Microscopy	
Preparing microscope slides	
Viewing microscope slides	Topic 2.2 Prokaryotic cells
	Topic 2.3 Eukaryotic cells
Measuring structures	Topic 2.1 Cell theory
Drawing from microscope	Topic 2.2 Prokaryotic cells
	Topic 2.3 Eukaryotic cells
Counting cells	

Recording and analysing data	
Units of measurement	All topics and options
Mathematical concepts	All topics and options
Accuracy and precision	All topics and options
Identifying variables	All topics and options
Constructing results tables	All topics and options
Plotting graphs	All topics and options
Statistics	Topic 1 Statistical analysis

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