Investigating Populations: Sampling

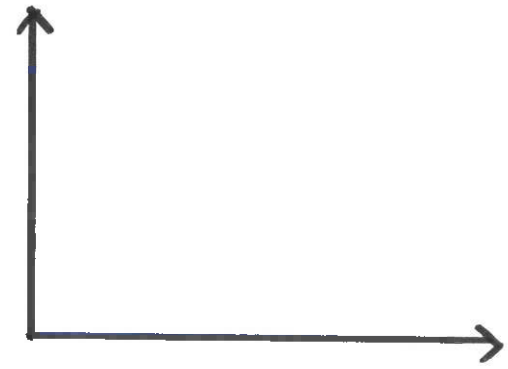
Sampling

Non-Random Sampling

e.g.

How many samples to do?

Random Sampling



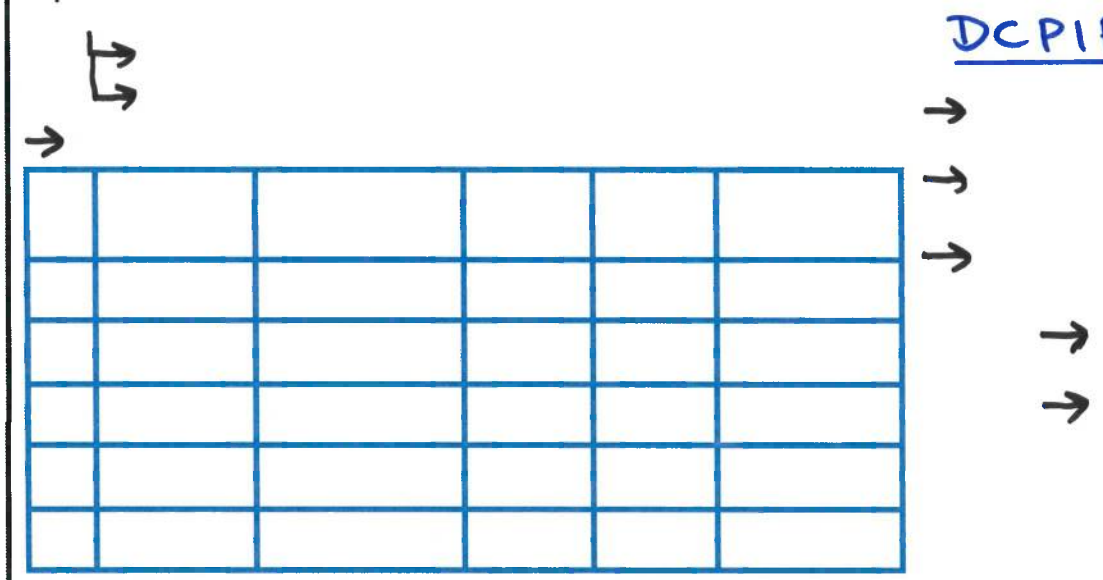
Investigate the Rate of the Light Dependent Reaction in Isolated Chloroplasts

1 2 3 4 5

Isolating Chloroplasts

Light Dependent Reaction

DCPIP



TT

Temperature Coefficient

The Temperature Coefficient Q_{10}

1 2 3 4 5

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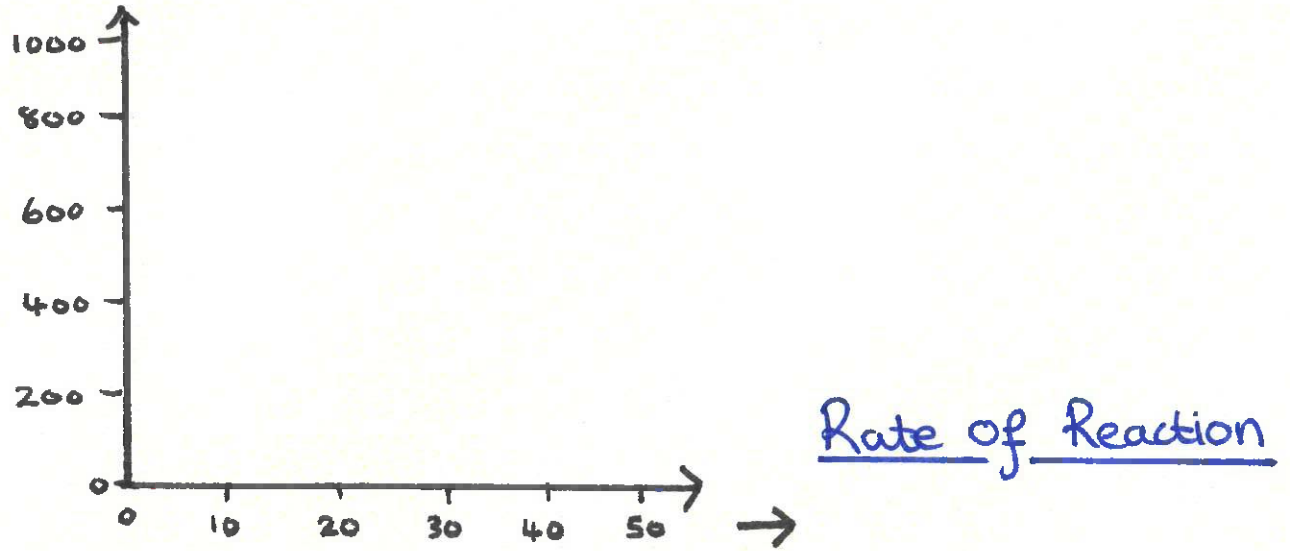

The Effects of Temperature on the Development of an Organism

1 2 3 4 5

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e.g.

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e.g.

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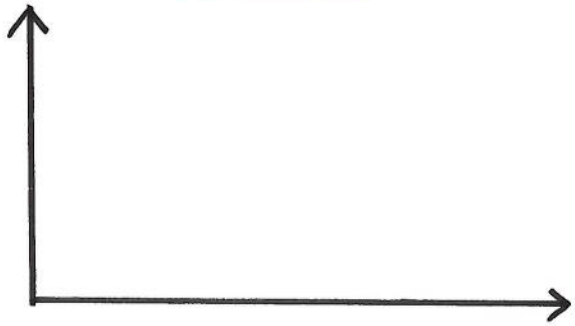
↳

Results



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Electrophoresis

Electrophoresis _____:

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Core Practical #9 & Core Practical #15

1 2 3 4 5

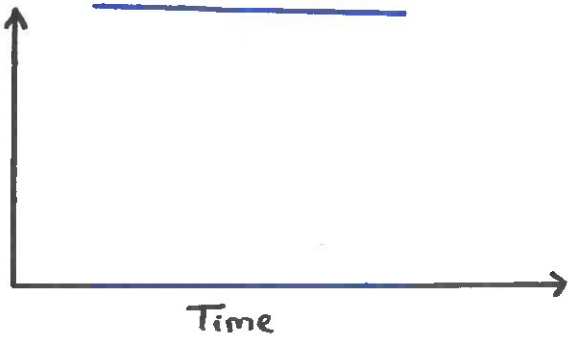
	#9 Investigate the Antimicrobial Properties of Plants	#15 Investigate the Effect of Antibiotics on Bacteria
→	→	→
→	→	→
	e.g. →	e.g. →
	→	→
→	→	→
	e.g.	
	→	→
	→	→
	→	→
	→	→
→	→	→
→		
→		
↳		

Investigate The Rate of Respiration in Yeast

1 2 3 4 5

Yeast

Batch Culture



→ Rate of Respiration is affected by

Explain the Results

Investigate the Effect of Exercise on the Cardiovascular System

1 2 3 4 5

TT

Spirometer

_____:

e.g.

Limitations

e.g.

Spirometer Trace

Results

TT

Habituation

Investigate Habituation to a Stimulus

1 2 3 4 5

_____ :

Importance

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e.g.

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Mechanism

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_____ _____

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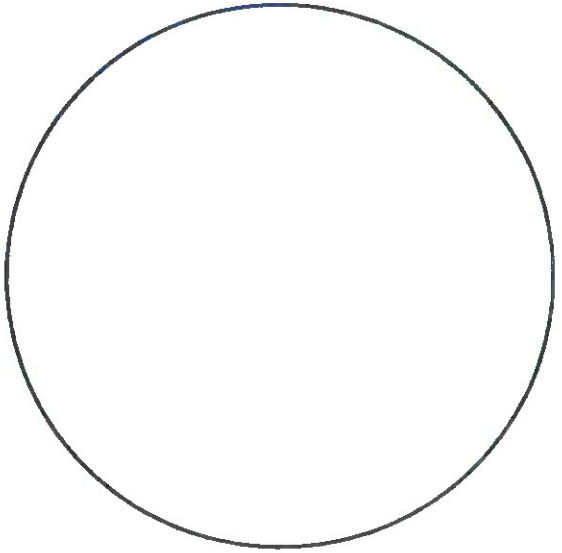
Investigate the Effect of Antimicrobial Substances on Microbial Growth

1 2 3 4 5

Method



e.g.

e.g.

Clear Zone