

Name:

Class:



Planning and Carrying Out Investigations

Data

Claire	
Min.	BPM
7	64
8	89
9	75
11	81
10	92
12	96
14	105

Experiment



Trials



Planning



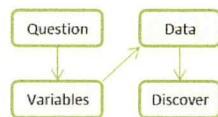
Dependent



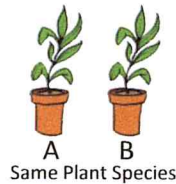
Question



Investigation



Control



Inquiry



Independent



NILNPANG _____

Design your investigation...what do you already know? What are you trying to find out? What's the best way to answer your question?

IETINTOINGSVA _____

A systematic approach to answer questions and gather data about the world around us.

LNOOTRC _____

In an experiment, this is a variable that must stay the same in order to get good results.

NTEDNEPED _____

In an experiment, this is a variable that is measured and affected as a result of the experiment.

DNDENPTNIEE _____

In an experiment, this is a variable that you purposely change in order to get different results.

AATD _____

Facts and statistics gathered from experiment results to be analyzed and interpreted.

TISLAR _____

Conducting tests multiple times in order to get more accurate data.

UIESOTNQ _____

The starting point of all investigations that leads to a science discovery.

IUYNRIQ _____

Open-ended activity which develops your knowledge and understanding of scientific ideas.

IPNMEXREET _____

A procedure carried out under controlled conditions to test a prediction.