

Pendulum Activity/Observation

Group:

Part 1:

What determines the period of a pendulum? Make some different pendulums and record the time it takes to swing back and forth once (one period). Write a list of things you think affect the period.

Pendulum 1 Description:

Weight used	Length of string	Angle of swing		

Pendulum 2 Description:

Weight used	Length of string	Angle of swing		

Pendulum 3 Description:

Weight used	Length of string	Angle of swing		

Observations / Conclusions:

What further experiments need to be done?

Part 2:

Choose 1 variable to test and leave the others consistent. Record 5 different measurements of this variable. (For example if you are doing weight, measure the period with 5 different weights, keeping length of string and angle the same).

Variable: _____

Measurement:					
Time:					

Conclusion:

How much (if any) does your variable affect the period?