

Name: \_\_\_\_\_

Student Number: \_\_\_\_\_

Date: \_\_\_\_\_

# Scientific Method Magic Squares

Find the correct definition (left) to match a word (right), entering the definition number into the word's square. When you are finished each of the rows and each of the columns should add up to the same number.

Each square is worth 4 points!

+ \_\_\_\_\_  
100

## Definitions

8	An educated guess in "If...then..." format
7	A list of directions
5	Complete Sentence Including Question
7	a chart where you record your findings
2	the outcome variable, what do you see happen during the experiment
1	describes why you are conducting the investigation
6	describing and recording what happens
3	a summary of the investigation where you tell what you learned
4	a statement that expresses beliefs, values or feelings
7	a variable that can be changed or manipulated
2	an observation involving numbers
4	drawing conclusions from what you see
8	a process used to answer questions
6	a statement that can be proven
9	an written observation involving the senses
5	a list of what you need

## Words

Purpose	Hypothesis	Materials	Procedure	
Observations	Inferences	Conclusions	Scientific Method	
Qualitative Observation	Quantitative Observation	Fact	Opinion	
CSIQ	Data Table	Independent Variable	Dependent Variable	



I'm so glad that Mrs. Menghini taught me about the Scientific Method, because now I know the **MAGIC NUMBER!**