

Name:

Date:

Class:

Class Cushion Datasheet

Directions: As groups test their cushions in the classroom, complete the following data chart. Then, answer the questions based off of the data recorded:

Initials of Group Members:	Material(s) Cushion is Made of:	Initial Capacitance of Sensor (nF)	Final Capacitance with Cushion (nF)	Capacitance of Cushion (nF)	Rank

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Analysis Questions

1. Which cushion was the most successful? _____

2. Explain your thought process of how you figured out that this cushion was the most successful:

3. A *trend* is when we might see a reoccurring pattern in the data. Do you see any trends amongst materials that seem to be more or less successful?

4. What was the most difficult part of this project for you?

5. If you could do this project again, what would you do differently?

