

Science Fair Experiment

Grade 4

Title: Hot Cheetos or Takis?

Summary: This experiment will test people's preference of chip brands. This is important so stores can stock the preferred chip for customers.

Hypothesis:

Write a reasonable prediction about what you think the answer to question is.

We believe that most people
will prefer Hot Cheetos over Takis.

Materials: Include a detailed list of materials including quantity and quality.

For this experiment you need:

- Data sheet to record favorite chip
- Pictures (if you can)



Procedures :

A procedure should be easy to follow. It should have step-by-step directions for conducting the experiment. Often it includes a sketch of how to set-up the experiment. The directions may be numbered to be sure they are done in the correct order

1. Show pictures of Hot Cheetos or Takis.



2. Ask 5 different people what chip they prefer.
3. Track your data on a collection sheet on Dojo.

	Hot Cheetos 	Takis 
1.		
2.		
3.		
4.		
5.		

Data: Use photos/ graphs to show experiment. Label all data clearly.
Steps in the process of experiment are clearly labeled.



1. Ask at least 5 people if they prefer Hot Cheetos (A) or Takis (B)
2. All data collected and recorded on sheet

Results: What happened? Was your hypothesis correct?

Trial	A	B
1		I
2		I
3	I	
4	I	
5	I	
6	I	
7		I
8	I	
9		I
10	I	

After 79 tests, the results were counted.
Results: Hot Cheetos = 56 Takis = 23

I was **correct** in my hypothesis. More people preferred Hot Cheetos over Takis.

Conclusion: . Reflects what the student has learned. Were there any surprises? What would you do differently?

After testing 79 people, the majority selected Hot Cheetos as their favorite chip. This is important to know for stores to supply more Hot Cheetos for customers.

I believe that the experiment gave good data and I would perform the same experiment or one with different comparisons to test.

Hot Cheeto Wins!

