SCIENCE

Lab Report

by: _____

grade 2

Teacher: _____

To Write Like a Scientist . . .

1. Ask a question about how the world works.
2. Record a hypothesis, a guess.
3. How will you test it? Record your procedure.
4. Conduct multiple trials, and record your results.
5. Analyze your results, and write a conclusion.

_____'s Lab Report

Question

_____

_____

_____

Hypothesis

_____

_____

_____

_____

_____

_____

_____

_____

_____

Materials

Procedure

In Procedures . . .

- Number the steps.
- Include detailed measurements (2½ in.).
- Tell not only what to do, but how to do it.

Results

Conclusion

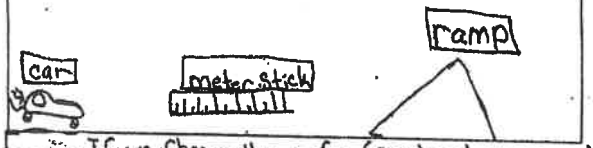
In Conclusions . . .

- Reflect on your hypothesis (My hypothesis was right/wrong . . .)
- Ask questions about your results (Why?)
- Give some POSSIBLE explanations– use ideas from other experiments and resources

Typical lab report completed by a 2nd grader

Name: Juliana Date:

Materials

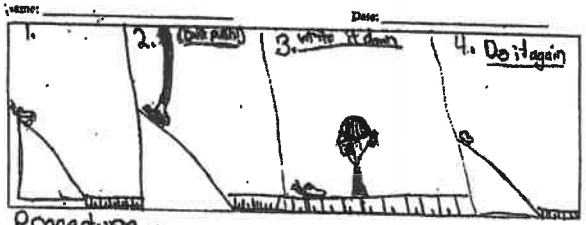


If we Change the surface (carpet and no carpet) will it affect the distance the car travles?

(Hypothesis) I think the surface will affect the distans The carpet will slow down the car and it won't go as fast as the tile floor.

①

Name: Date:



Procedure

1. Put the ramp and meter stick in a line and put the car on the top of the ramp.
2. Let the car go (don't push it) and wait until it stop's.
3. Add the distance and write it down.
4. Repeat this! Try it three times on the carpet and three times on the tile floor.

②

Name: Date:

1st try	on the carpet 2nd try	3rd try
57cm	46cm	54cm

1. The car went 57cm on the meter stick.
2. The car went 46cm on the meter stick. The car went a little crooked.
3. The car went 54cm on the meter.

③

Name: Date:

1st try	on the tile 2nd try	3rd try
300cm	269cm	253cm

1. The car went really far. We needed to add another meter stick. It went 3 meter sticks.
2. The 2nd time it went a little less. The car went 269cm.
3. The last time it traveled less than the other two. It went 253cm.

④

Name: Date:

Results

The car traveled much more on the tile floor. It went about 200 more centimeters. The carpet slowed down the car and the car traveled about 50 centimeters. My Hypothesis was right!

⑤

Name: Date:

Conclusion

The car slowed down because of the surface where it traveled. The carpet is thick and bumpy. There is more friction. The car has to go up and down all the little bumps on the pieces of carpet. The car went really far on the tile floor because it is so smooth it is almost slippery. The tiers on the car didn't have anything to make them slow down. That is why they go really far.