

ROAD TRIP EXPERIMENT

- Instructions for the experiment
- Worksheet to fill in with your results
- Blank page for your own experiment
- Fun way to learn STEM techniques

A **STEM**fulmind

Note to parents: This worksheet is intended to be used in combination with [Road Trip STEM Experiment](#). The materials in this worksheet can be used as they are, or you can use them as inspiration to adapt them to your child. Feel free to skip parts or to use only the ones that your children are more interested in.

Happy STEM learning!

A **STEM**fulmama

INSTRUCTIONS

Time to be a scientist!

Your job for this experiment is to focus on your surroundings outside of the car and record the information you collect.



You are going to try to answer the following questions:

- What is the most/least popular car color?
- How many passengers are usually in a car?
- What is the most/least popular brand of cars?

The way you are going to do this:

- Get your tools ready: pencil/pen, paper and something hard to write on
- Look out the window and record what you see: tally up the different options (for example each time you see a red car, make a line in the "red" row)
- Tally up the total once you are finished
- Record your results at the bottom and check with other scientists
- Make your own experiment (try to answer a different question of your own)



COLOR EXPERIMENT

Question:

Hypothesis:

What do you think is the most popular color for cars?

Experiment:

Use the table below to tally and then count the cars you see of each color:

Color	Tallies	Total
white 		
black 		
grey 		
red 		
blue 		
yellow 		
green 		
orange 		
brown 		

Look at your experiment results:

What is the most popular color?

What is the least popular color?

PASSENGER EXPERIMENT

Question:

Hypothesis:

How many people (passengers) are usually sitting in a car?

Experiment:

Use the table below to count the number of passengers you see:

Number of passengers	Tallies	Total
1 		
2 		
3 		
4 		
5 		

Look at your results:

What number of passengers is more frequent?

What number of passengers is less frequent?
