

Name _____
Class _____ Date _____

FRICION LAB 2

The task

Using equipment available at school, you must investigate something to do with friction, in the laboratory. It would be nice if your lab involved a graph.

In this lesson you will design a lab, present your plan and request the equipment needed. In the next lab lesson you will then perform your lab.

Some possible suggestions, in case you are stuck for an idea: factors that affect friction; static vs kinetic friction; different surfaces; cars on hills; ice and snow in winter; reducing friction; toy cars; brakes

The report

Your first report will be the planning lab only, and the equipment list. Planning, in the IB, includes the aim, the hypothesis with your reasoning, the variables measured and controlled, the method used and the measurements to be taken.

Your final report will be a full report. You may wish to change or improve the planning you handed in earlier. Check the IB criteria to remind yourself what must be included. Don't forget uncertainties.