

Make Your Own Lego Car

Materials

- Legos
- Car wheels
- Ramp (three pieces of cardboard taped together)
- Tape measure or something to mark distance (like extra legos)



Procedure

1. Find a place to set up the ramp for your car. You can use the box that your kit came in and something to prop up the middle of the ramp.
2. Create a car out of legos.
3. When your car is finished, try out your car on the ramp and measure how far it goes. You can record your findings or put something down to mark the distance of the first run.
4. Then make adjustments to your car (Make it lighter or heavier. Make it longer or shorter. Be creative and think of other ways to change your car.) Then try it out on the ramp again. Measure how far it goes and record the findings.
5. Compare your findings and determine which style of car (lighter, heavier, longer etc.) made it the furthest.
6. On your own time, try making more changes to your car or your ramp. Don't forget to write down your findings so you can share with the group tomorrow!