

GRADE 6 ENGINEERING CHALLENGE

NAME _____

With your partner, design, build, and test a robot dragster car that goes as fast as possible. It does not have to turn or steer.

Use the checklist below to guide your project.

___ Think of 3 ideas for a robot.

IDEA 1

IDEA 2

IDEA3

___ Look at your parts and make sure you can build one of the ideas. Circle the idea you chose.

___ Build and program a prototype.

___ Redesign as needed. What problems did you solve? Use back of sheet.

___ Measure your robot's fastest time and record it.

Challenge: build the slowest car you possibly can.