

Gravity Power Cars New GFC Experiments Student Inquiry Sheet



Name _____ Class _____ Date _____

Investigation 7: Invent your own GFC experiments. There are scores of changes you could make to your GFC—changes that could make your GFC faster or slower or travel greater or less distance. What changes, experiments, or driving tests would you like to do to find out more about your GFC?

What if you use even bigger wheels or axles?



What if you drive on different surfaces? What if you try going up-hill?



What if you made it move as slow as you can go?

What if you create a new car body?



What are some other ideas you have for experiments you can do to help you build or drive better GFCs?

Invent one or more experiments to do with your GFC. Write what you plan to test. Record your performance data. Explain what happened.



**Check
Point**