Aqua Thruster Activity – Aqua-Thruster Worksheet

Test 1 – Using a Solid ½ Antacid Tablet

Sketch Your Aqua-Thruster in the box below!

How long do you think the thrust will last?

________________________

Solid ½ tablet burn time (in seconds): ___________

Examine your aqua-thruster after the test.

What is left inside? _____________________________________________

Where did the water go? _________________________________________

Test 2 – Using a Crushed ½ Antacid Tablet – Safety Glasses Required!

How long do you think the thrust will last? ________________

Crushed ½ tablet burn time (in seconds): _____________

Did it last longer than the solid tablet? ________________

Was the thrust stronger or weaker than the solid tablet? ________________

Describe the THRUST produced in both tests (at least two sentences):

______________________________________________

______________________________________________

______________________________________________

______________________________________________

Descriptive hints: Powerful, medium, light, fast, slow, constant, on-off, straight, circular, random, quiet, noisy, sputtering, smooth…