

Name: _____ Date: _____

Fuel Mystery Dis-Solved Activity – Fuel Analysis Worksheet – 3rd Grade

Test 1 – Solid Tablet with Cold Water

What happened to the fuel? _____

What happened to the water? _____

Time: _____

Test 2 – Crushed Tablet with Cold Water

What happened to the fuel? _____

What happened to the water? _____

Time: _____

Test 3 – Solid Tablet with Hot Water

What happened to the fuel? _____

What happened to the water? _____

Time: _____

Test 4 – Crushed Tablet with Hot Water

What happened to the fuel? _____

What happened to the water? _____

Time: _____

Test 5 – Solid Tablet with Vinegar

What happened to the fuel? _____

What happened to the water? _____

Time: _____

Name: _____ Date: _____

Test 6 – Crushed Tablet with Vinegar

What happened to the fuel? _____

What happened to the water? _____

Time: _____

Make a bar graph of your results!

Color in the boxes from left to right until you have reached your recorded time.

Test 1: Solid/cold												
Test 2: crush/cold												
Test 3: Solid/hot												
Test 4: Crush/hot												
Test 5: Solid/vinegar												
Test 6: Crush/vinegar												
	10sec	20sec	30sec	40sec	50sec	1 min	1 min 10sec	1 min 20sec	1 min 30sec	1 min 40sec	1 min 50sec	2 min

Time

Final Question

How would stirring the water affect the dissolving antacid? Why would engineers need to know this?
