Rocket Design
Predictions and Results

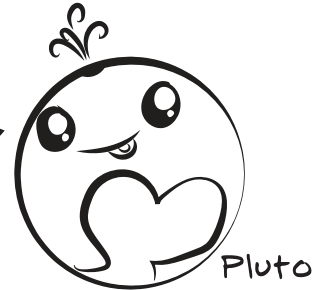*Remember:* Isolating one test variable is important when experimenting. Make sure that rockets in each group are built exactly the same while only altering the test variable.

In each rocket design group:

1. Color the rocket that you think will go the highest

2. Circle the rocket that goes highest during the launch tests.

Pluto

Test 1: FIN LOCATION

Fins at Back   Fins in Middle   Fins at Front

Which one do you predict will fly the highest? Why? _____

Test 2: BODY LENGTH

Short   Medium   Long
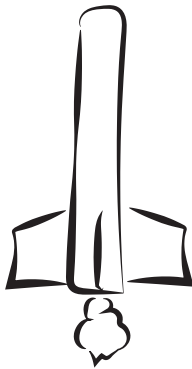
Which one do you predict will fly the highest? Why? _____

Test 3: FIN SIZE

Small Fins   Medium Fins   Large Fins

Which one do you predict will fly the highest? Why? _____

Test 4: WEIGHT LOCATION

Weight at Front   Weight at Middle   Weight at Back

Which one do you predict will fly the highest? Why? _____