

# Solid Fuel Rockets

## Assignment #1 – Rocket Questions

NAME: \_\_\_\_\_

Date Due: \_\_\_\_\_

Instructions: Watch the power point on rockets and answer the following questions on your paper.

1. Draw a rocket and label these parts. (Body, nose cone, launch lug, fins, engine, parachute)

2. What Law of motion explains why a rocket moves?

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3. What are the three stages to a rocket motor?

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4. What causes the igniter wire to heat?

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5. How can you create more drag for your parachute?

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6. Draw a diagram that shows what the flight of your rocket will look like. Do this in at **least 4 steps**.

### Student Feedback

- Not completed by due date
- Answers lacked effort and knowledge
- Shows little understanding of model rocketry principles
- Redo get signed and hand back in
- Parent signature required

- Completed by due date
- More explanation needed for some questions
- Shows good understanding of model rocketry principles
- Correct/ improve questions #

- Completed by due date with detail
- Excellent explanations given
- Shows excellent understanding of model rocketry principles
- Improve questions #

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