

ROCKET SCIENCE 101



ROCKETRY!

3...2...1... Blast Off - Build and Fly Model Rockets

Dear Rocket Scientist,

The aim of our rocket-building workshop is to inspire and encourage children to show an interest in fun and engaging topics from the worlds of science, engineering and technology. This is a fantastic opportunity for the young people to build starter rockets, find out about launching rockets, the International Space Station and the costs of getting into space! Many of past participants have turned Rocketry into a hobby.

Building The Rocket

During the course of 60-90 minutes, participants will learn all about the different parts needed to build a rocket. Then using pre-designed kits, we begin the process of assembly. The age of the students and the complexity of the kits being used will determine the final time needed to complete each rocket. Stickers, painting and coloring of rockets can be done after the initial class is over.

Flying the Rockets

Weather and Space permitting we will take the group outside and explain the various stages of flight. An exploratory comparison of different model rocket engines and rockets sizes will lead to the eventual countdown and blast off. Learning about the basic principals needed for flight (gravity, thrust, drag & lift), educators will have an amazing platform on which to point to for future lessons plans. We will always launch at minimum 3 different rockets.

COSTS:

Contact us for details. Cost is dependent on the amount of kids participating and Rockets being used. Simple Rockets have a cost of \$8/child.

The workshop is designed for kids of all ages. Rocket Launch depends on weather and ample space outdoors.

- Schools ● Camps ● Birthday Parties ●

**“WAY TOO
COOL!”**

*- Kids
Anywhere in the World*

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