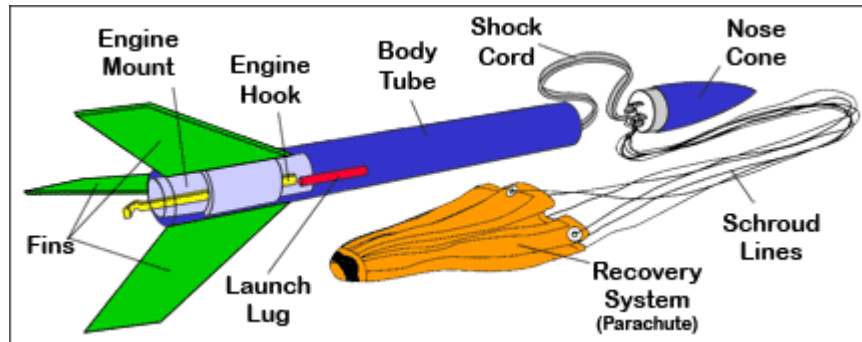


ROCKETS: Lesson 1

This webpage found at:
<http://pa4h.cas.psu.edu/Curricula/AerospaceSupp/Activities/Rockets/Overview/RocketsLesson1.htm>

Rocket Parts:



Adapted from Stage 2: Lift Off, pg. 6

Rocket Part Terms

- **Body Tube:** a tube, often made of cardboard, fiberglass or carbon fiber, that is the body of the rocket. It houses the motor and recovery system and often has fins and the launch lug attached to it.
- **Engine Hook:** a device that attaches the motor to the rocket
- **Engine Mount:** where the engine transmits its energy to the body tube causing the rocket to move
- **Fins:** act like feathers on an arrow to guide the rocket in flight
- **Launch Lug:** a short piece of tubing that resembles a straw. It is attached to the outside of the body tube and makes sure the rocket travels straight up the launch rod when the rocket is first ignited.
- **Nose Cone:** the "top" most part of the rocket. Its shape helps reduce drag as the rocket flies through the air.
- **Recovery System (Parachute):** device incorporated into a rocket for the purpose of returning it to the ground safely by creating drag or lift to oppose force of gravity
- **Schroud Lines:** lines that attach the parachute to the rocket
- **Shock Cord:** a piece of elastic that attaches the nose to the body tube and absorbs shock when the nose is blown off the end of the rocket

Web design: Victoria Kramer. This page was last updated on September 26, 2005.
There are no plans for future updates.