AEROSPACE PROJECT RECORD

Check Units Taken this year:

Level 2 (Lift Off) Level 3 (Reaching New Heights) Level 4 (Pilot In Command)

Check all that apply to your Aerospace Project this Year. You may check off items in other levels than the one you enrolled in if they apply to you.

This year I:

Stage 2 - Lift Off

Made and flew a drinking straw rocket Made a single-stage rocket Interviewed someone with a career in aerospace Made paper airplanes; experimented with different designs Drew a map from my house to a friend's; practiced giving directions Evaluated weather conditions for flight Experienced disorientation; used a mirror to do a maze and write Built and flew a kite Made a hot-air balloon model on paper Made and flew a paper helicopter Learned the International Phonetic Alphabet Learned parts of an airplane; taught someone else

Stage 3 - Reaching New Heights

Built a drinking straw and balloon rocket Gave a talk about a rocket I made Judged someone who gave a talk about a rocket Discussed NAR rules and followed them Launched a Gnome rocket Made a paper flight simulator control panel Made a feather wing glider; experimented with wings Made a paper glider with ailerons, elevators and a rudder Built a "shuttle on a string" demonstrator; lead the demonstration Made a balloon shuttle; measured payload, distance and speed Built a Nagasaki Hata Fighter Kite; experimented with roll, pitch and yaw Learned parts of a helicopter and their uses Made a paper hang glider; conducted an air current experiment

Stage 4 - Pilot in Command

Designed and launched a rocket for an unboiled egg payload Made an altitude tracker and used it Found out how to get a pilot's certificate Wrote a teaching plan for an aerospace topic and taught it Planned a fuel efficient flight across country Researched navigation methods and designed my own Simulated life in space shuttle Designed, built and flew a Brouhaha box kite Researched helicopters and designed an Emergency Medical Service helicopter service Discovered effects of gravity on an elevator Studied an airport issue Completed a career profile

Record your Rocket(s)

	Name/Type	No. of Stages	Size	Engine/Propellant
Rocket 1				
Rocket 2				
Rocket 3				
Rocket 4				
Rocket 5				

Record your Rocket Launches

	Date(s) launched	Recovery System	Comments
Rocket 1			
Rocket 2			
Rocket 3			
Rocket 4			
Rocket 5			

Describe your launch pad and site:_____

Add anything not mentioned that you did in your Aerospace Project this year.

You may enhance your project record with a story, photos with captions and/or newspaper clippings.