Learn about two astronauts who were Scouts when they were younger. *(Launch Pad)*

**Astronaut #1 Name** = ______________________________________________

What did you learn about this astronaut?

____________________________________________________________________

____________________________________________________________________

____________________________________________________________________

**Astronaut #2 Name** = ______________________________________________

What did you learn about this astronaut?

____________________________________________________________________

____________________________________________________________________

____________________________________________________________________

Read about a scientist. What is this person famous for? *(Launch Pad)*

____________________________________________________________________

____________________________________________________________________

____________________________________________________________________

____________________________________________________________________

____________________________________________________________________

____________________________________________________________________
Create and fly three different types of airplanes!
Record your findings and improve your design! Make new airplanes by altering the plane. Then how does the plane improve by creating a catapult for it?

Which airplane design do you think will fly the farthest? (circle one)

THE ARROW
THE BUZZ
THE STABLE

Why?

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Build a space habitat! Design an inhabited base located within our solar system. Make drawings or a model of your base.

Explain how will you plan for the following:

Source of energy
__________________________________________________________________
__________________________________________________________________
__________________________________________________________________

How it will be constructed
__________________________________________________________________
__________________________________________________________________
__________________________________________________________________

Life-support system
__________________________________________________________________
__________________________________________________________________
__________________________________________________________________

Purpose and function
__________________________________________________________________
__________________________________________________________________
COLOR & LABEL THE PARTS OF A ROCKET (THE LAB)

ITEMS:
- Body
- Nose Cone
- Shock Cord
- Fins