



## ASTRONAUTS

*Have you ever looked up into the sky and wondered what it would be like to take a rocket ship to the Moon? Astronauts are people trained and equipped to work on spacecraft sent on missions to outer space. Explore what it's like to be an astronaut and travel through space with these activities.*

### This week's activities: Astronaut Gloves– Rocket Ship

## Astronaut Gloves

### Suggested materials:

- Pen or pencil
- Paper
- Oven mitts, gloves or mittens

### Directions:

As part of their pressurized space suit, astronauts wear special thick gloves, even when using cockpit controls and other equipment. These protect their hands from the freezing cold temperatures, radiation and other space elements.

In this challenge, test how well you can do some tasks if you wore oven mitts or two pairs of gloves on your hand(s).

- Try writing your name or a sentence.
- Can you open a bottle or take the cap off the toothpaste tube?
- Can you build a tower using blocks or Lego?

Were you successful or was it a little frustrating?



## Build a Rocket Ship

### Suggested materials:

- Pen, pencil or crayons
- Paper
- Scissors
- Glue
- Tinfoil, Felt, Tissue Paper



### Directions:

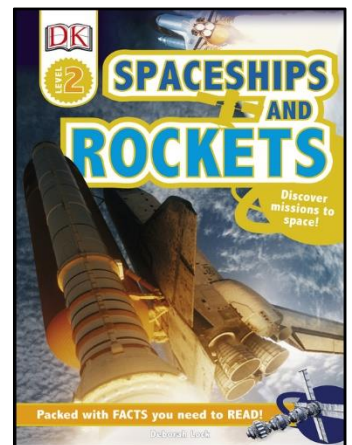
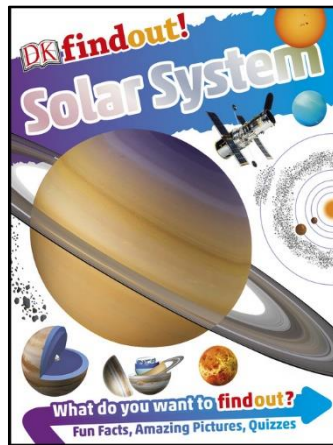
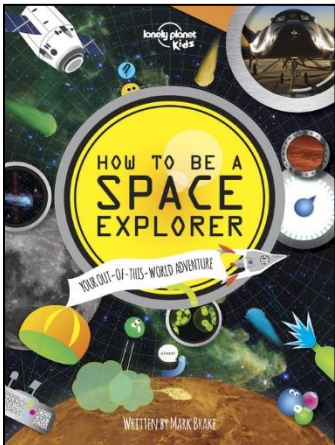
1. Space craft, such as rocket ships or satellites, take many years to design, plan and build. Think about how your rocket ship will look. Sketch it on paper as you decide the design elements you want to include.

2. Decide which materials you will use to make your rocket ship.
3. Start building.

When you have completed your creation, think about the process. Did you follow your original design exactly as you planned, or did you make changes as you built it? What parts did you include and how are they supposed to function? If you created another rocket ship, would you change anything?

## Links to eResources:

Check out our [eBooks](#) on these topics:



## [Space](#)

On **Hoopla Kids**, search **astronomy**. Two interesting titles are *Space is Awesome!: 101 Incredible Things Every Kid Should Know* by Alice Harman and *Living in Space* by Christine Dugan. You can also search under other related words such as **planets**, **astronauts** and **solar system**. | [Space](#)

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Check out the episode *Astronauts* of the series *Finding Stuff Out* on **Summa Kids**. Harrison chats with some real astronauts and learns how they float in zero gravity, what kinds of food they can eat, and how they sleep “standing up.”

You can get a library card at [hpl.ca/online-registration](http://hpl.ca/online-registration)

*If you would like to share one or all your creations, please take a picture and post it to social media using the hashtag, #HPLmakesomething.*



#HPLmakesomething

[hpl.ca/kids](http://hpl.ca/kids)



