

EXPLORE A WORLD OF WONDER
WITH THIS BACKPACK!

Space

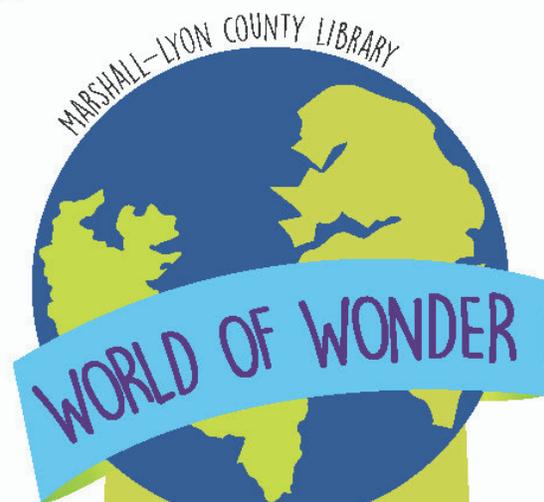
PRE-SCHOOL

BOOKS IN THIS KIT

- A Trip into Space | Lori Haskins Houran
- Gravity | Jason Chin
- The Darkest Night | Chris Hadfield
- Roaring Rockets | Tony Mitton
- Robots in Space | Nancy Furstinger

MORE BOOKS AT MLCL

- A Journey Through Space | Steve Parker
JUV NONFIC 520 PAR
- Destination Space | Christopher Englert
JUV NONFIC 520 ENG
- ABC Universe | American Museum Of Natural History
JUV NONFIC 523.1 AME
- Mousetronaut | Mark E. Kelly
PICTURE KELLY
- One Giant Leap: The Story of Neil Armstrong | D. Brown
JUV NONFIC 629.45 BRO



IDEA

Next snack time have your child think about eating with no gravity. How would they keep their food from floating away?

GET LOCAL

The Southwest MN State University Planetarium is located in SM (Science & Math Building) Room 108.

The Spitz 512 planetarium projector, located at the center of the theater, is the heart of the planetarium and can accurately simulate the night sky as seen from anywhere on Earth, thousands of years in the past OR future.





Moon Craters

ACTIVITY

The moon has a pretty bumpy surface, You can see this in the darker spots and round pockets when you look up at the night sky. How did they get there? The answer is meteorites, rocks flying through space that crash into the moon. When they hit, they form impact craters, the round spots and pockets you can see.

WHAT YOU NEED

- ½ cup baby oil or mineral oil
- 4 cups flour
- Cake pan or other flat bottomed container (try to avoid glass)
- Pebbles

TRY THIS

1. Make moon dust with your child by combining the baby oil and flour and mixing well. The result should be a sand-like substance that sticks together when pressed.
2. Spread the moon dust evenly in the cake pan and press it gently to form a smooth surface.
3. Together, collect your pebble meteorites--- some variety in size and shape is good.
4. Have your child drop the "meteorites" into the moon dust and check out the craters!

RHYME

A Little Rocket

A little rocket
Roared off one day
On a trip into space,
so far away.
While zooming about,
he saw some stars.
Then he circled around
the planet Mars.
He saw planet Saturn
and the Man in the
Moon. Then he saw
planet Earth and back
home he zoomed!

FIELD NOTEBOOK

Drop pebbles from higher up or throwing them from an angle. Does the shape or depth of the crater change? Share your results.