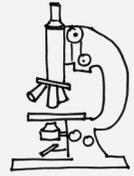




# Wondernauts in Space

## Wondering About the Present



### Design Your Astronaut Helmet

Recommended for: All Ages



Whenever an astronaut leaves their spacecraft, they need to wear a spacesuit. In space, there is no air to breathe. Space is extremely cold and filled with damaging radiation. Spacesuits protect astronauts from this dangerous environment. Wearing a spacesuit, helps astronauts lives and work in space. One part of a spacesuit is the helmet. In this activity, you will design and make your own space helmet.

#### You will Need

- Balloon
- Newspaper
- Glue
- Scissors
- Craft Supplies (markers, crayons, paint, glitter, stickers, tissue paper, colorful tape, etc.)

#### (1) Watch

Watch Astronaut Mike Massimino get dressed for work [here](#).

Explore different parts of a spacesuit using this clickable app: [https://www.nasa.gov/audience/foreducators/spacesuits/home/clickable\\_suit.html](https://www.nasa.gov/audience/foreducators/spacesuits/home/clickable_suit.html)

#### (2) Wonder

- What clothes do you wear to school? Do you have a uniform? What about for sports or clubs? Why do you wear certain clothing items for different activities?
- What do you wonder about spacesuits?
- What do you think it feels like to wear a spacesuit?
- How long do you think it takes to put a spacesuit on?
- Do you think it is hard to move around in a spacesuit?
- What questions would you ask an astronaut about wearing a spacesuit?

#### (3) Create

Create a helmet for your own spacesuit!

1. Blow up a balloon to be a little bit bigger than the size of your head.
2. Tear newspaper into strips.
3. Apply a layer of glue thinned with water onto the balloon. Then add a layer of newspaper. Repeat this process for at least five layers or until you are happy with the thickness.
4. Allow your helmet to dry. You will probably want to leave this overnight.
5. Once dry, pop the balloon and remove it.
6. Cut out a hole that is big enough to fit your neck through. This is hole for your neck.
7. Draw a square to create the window for your face. Cut out the square. You might want to ask an adult to help you to cut this out.
8. Add another layer of paper mache around the cut edges. You can also use sand paper to make the edges less sharp.
9. Now it's time to decorate! Use paint, markers, stickers, tape or whatever you can find around the house to decorate your space helmet.

Now you are ready to see what you look like in your astronaut helmet!

JMM is an agency of The Associated



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MEMBERS OF THE TRIBE IN ORBIT

[Wondernauts.org](http://Wondernauts.org)

Want to complete this task towards collecting a Wondernaut badge? Share a photo of you with your space helmet!