

National Aeronautics and
Space Administration



2018 Commercial Crew Children's Artwork Calendar

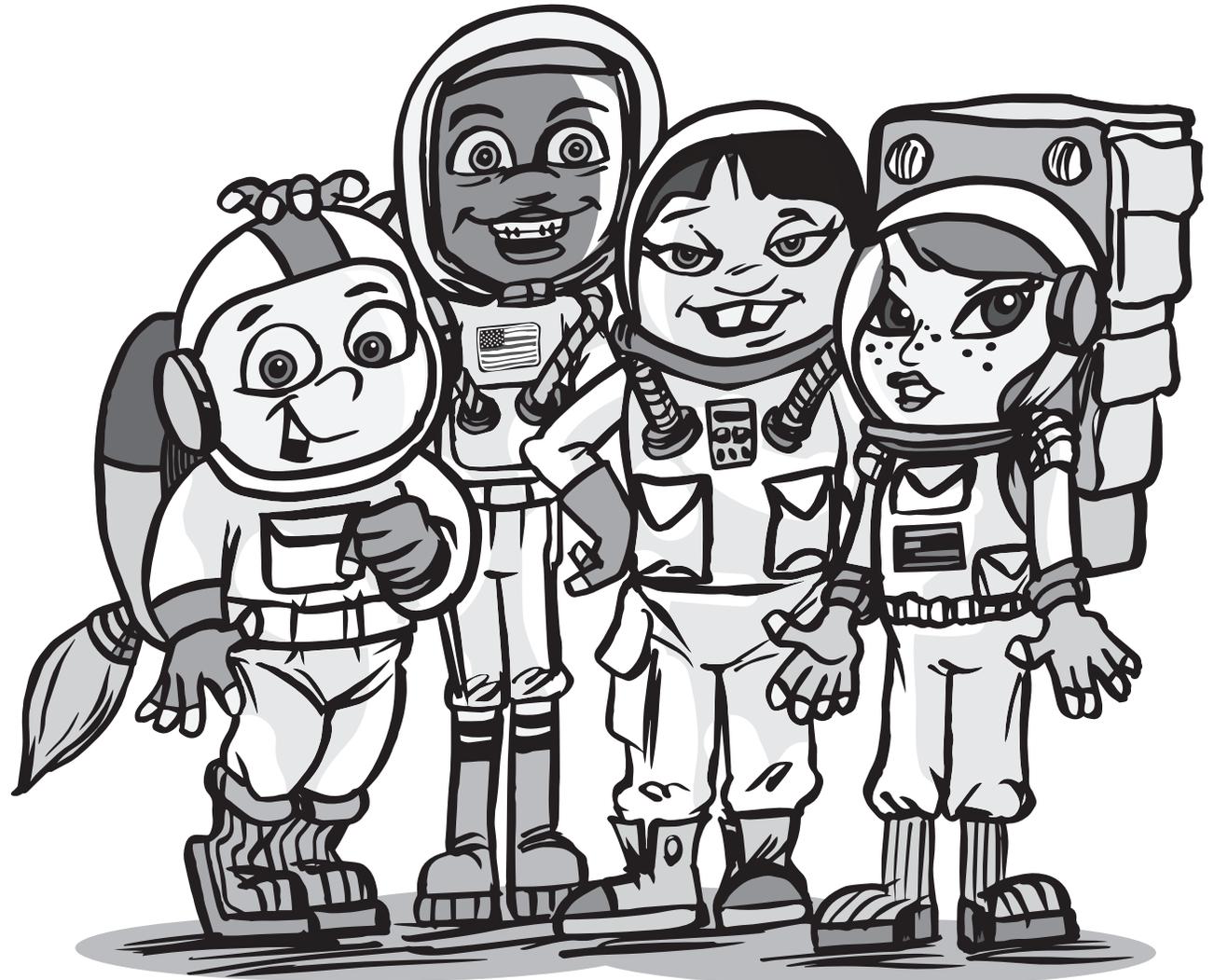
Deadline: November 2, 2017, by 11:59 p.m. EST

RULES:

1. Children ages 4-12, including NASA families, are encouraged to submit artwork for the themes on page 2.
2. Parents are limited to verbal assistance only. (No parental drawings, please.)
3. All entries must be drawn on the form provided. All others will be disqualified.
4. All entries must be freehand artwork on the attached entry form. No traced pictures or computer-based artwork will be accepted.
5. Crayons, markers, pencils, pens, chalk, pastels, watercolor & acrylics may be used.
6. Entries will be judged on originality and theme. You may submit multiple artwork entries, but selected entrants can only have one piece of artwork in the calendar.
7. *Twelve (12) entrants will be chosen to have their artwork printed in the 2018 Commercial Crew Program Children's Artwork Calendar. Winning entrants will receive a printed copy of the calendar.*

Choose a theme, create your masterpiece, scan or take a good photo (gif, jpg, png files only), and enter the contest at:

<https://go.nasa.gov/2hn9RSR>



MONTHLY DESIGN THEMES

1. Astronauts:

NASA's astronauts have many skills and experiences that make them perfect for the variety of jobs they do both in space and on the ground. During their careers, astronauts could pilot a spacecraft, run experiments on the International Space Station, train new astronauts and even help guide other astronauts through challenging work in space from Earth. What job would you want to do if you were an astronaut?

2. Astronaut Training:

When astronauts are in space, they must perform physical fitness activities to keep them healthy and strong while living and working in microgravity. They currently can use a stationary bicycle, a treadmill and weight machines. Can you think of other activities that could keep astronauts strong in space?

3. Spacesuits:

An astronaut's spacesuit is like his or her own personal spacecraft. Spacesuits keep astronauts safe by providing breathable air and keeping them warm and cool. Spacesuits also are pressurized like the inside of a flying airplane so that the astronauts are safe in space. Spacesuits allow the astronauts to be in constant communication with doctors and medical professionals who track their health here on the ground. Design your own spacesuit . . . let's see your inner fashion designer!

4. Spacecraft:

Spacecraft carrying astronauts are stacked on top of rockets before launching them into space. The Apollo spacecraft was very different from the space shuttle, and both are very different from the commercial crew spacecraft that astronauts will use to fly to the International Space Station. Today's commercial crew spacecraft will be lightweight, but tough enough to withstand meteorites. What would your spacecraft look like?

5. Rockets:

The commercial crew rockets that will carry astronauts to the International Space Station will be smaller than NASA's Saturn V rocket and the space shuttle fleet. They don't have to go as far as the Saturn V and don't have to carry as much as the space shuttle, so they don't need to be as big. Think of it like going to visit your friends. You would take a bus to see someone in another state, but you could just take your bike to visit someone who lived down the street. Let's see your best rocket drawing!

6. Launch Day in Florida:

The rumble . . . the glow . . . the excitement! Every time NASA has launched people off the surface of Earth and into space, it has been from Florida's Space Coast. In the next couple years, we will see commercial crew spacecraft rockets glow orange and make huge plumes of smoke as astronauts launch to the International Space Station from Florida. In the 2030s, we also will see astronauts launching from Florida's Kennedy Space Center as they begin their journey to Mars. Draw who you plan to watch launches with . . . family, friends, perhaps Florida's abundant wildlife.

7. International Space Station:

Look up! The International Space Station is orbiting about 250 miles above the surface of Earth, 24 hours a day, seven days a week, 365 days a year, at 17,500 miles every hour. On board, astronauts conduct very important experiments that help us here on Earth. They also are learning how to live for long periods of time in space, which will help future astronauts on their journey to Mars. Commercial crew spacecraft will carry four crew members to the station so that even more experiments can be done! Show us your best drawing of the space station. Remember it's the size of a football field!

8. Living and Working in Space:

For nearly 20 years, astronauts have lived and worked in space on the International Space Station. They do all the same kinds of things you do here on Earth! They sleep and eat and take baths and work hard and exercise! A lot of their work is about studying how to survive in locations far from Earth, like Mars! Draw what you would do if you lived in space.

9. Exploring the Solar System:

Every day, NASA explores deeper into our solar system—making new and exciting discoveries. From our Voyager spacecraft that has taken us on a journey of our solar system for the past 40 years, to robotic explorers on Mars, where we are learning what challenges we need to solve before we can send humans. Our solar system still has many mysteries yet to be discovered, what do you think might still be out there?

10. What Would You Take from Home?:

Today, every astronaut goes to space to do very special work. But because they're gone so long, they each take some personal items to remind them of home or small things to do during their limited free time. Some of those things astronauts take include musical instruments, MP3 players, or small toys. If you were traveling to space, what things might you bring to work or to play with? Draw a picture of you in space with your personal items.

11. Space Food:

There are no grocery stores in space. When new supplies are sent to the International Space Station, there's always some fresh food like fruits and vegetables, but almost everything is prepackaged so it will last a long time. The goal is for astronauts to eventually grow crops that can help supplement their nutrition. We've also discovered growing plants in space can make the astronauts happy since it reminds them of Earth. If you were an astronaut, what foods would you grow in space?

12. Returning to Earth:

What goes up, must come down! After flying through space and re-entering the Earth's atmosphere at about 17,500 miles per hour, spacecraft have to land slowly and smoothly to protect the astronauts and science experiments they carry. Commercial Crew engineers are looking at different ways to land with parachutes, airbags, like airplanes, or using rocket engines. Show us what you think a spacecraft landing looks like.

TOP

COMMERCIAL CREW

NASA's Commercial Crew Program wants you to help draw out our future in space exploration! We're going to put out a calendar for 2018 in a few weeks and it will be up to you to decide how it will look. The best thing is that it will be really easy, and you could see your work featured on the Commercial Crew website!



Artwork Title:

Artist Name:

Age: _____

Hometown:

BOTTOM