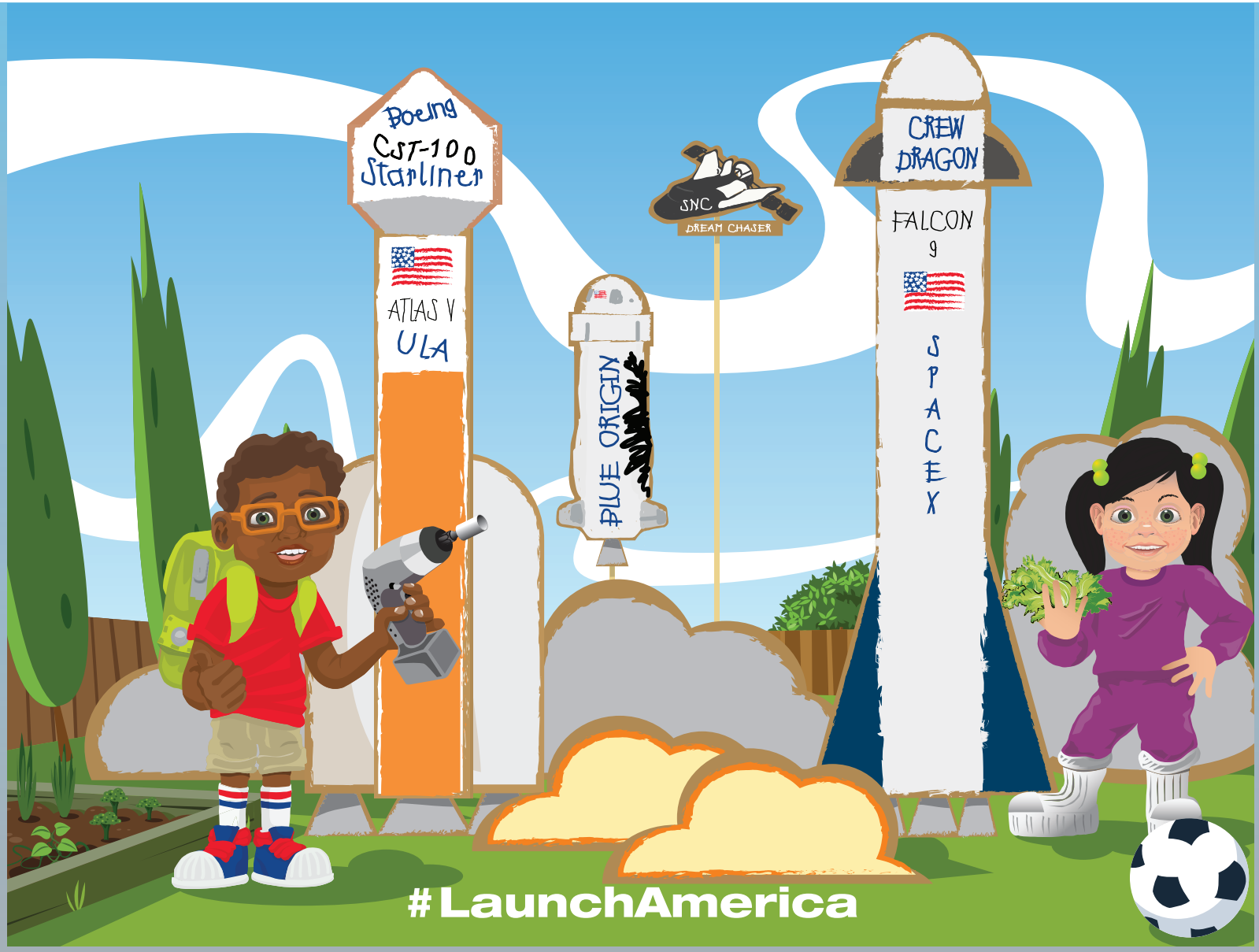

National Aeronautics and
Space Administration
NASA
COMMERCIAL CREW PROGRAM
2018
Children's Artwork
CALENDAR



NASA's Commercial Crew Program

NASA's Commercial Crew Program is working with American companies to build new rockets and spacecraft that will launch astronauts into space, to places like the International Space Station. The spaceships will launch from Florida and take astronauts about 250 miles above the surface of Earth to perform experiments. Those experiments make our lives better here on the ground and prepare other astronauts for longer missions to places like the Moon and Mars.

Preparing for Flight

Bob Behnken, Suni Williams, Eric Boe and Doug Hurley are training for Commercial Crew flight tests to the International Space Station on Boeing's CST-100 Starliner and SpaceX's Crew Dragon vehicles.

"Working for NASA and being an astronaut is really exciting and it's fun. I go to work every day and it is something new and exciting, and sometimes it means getting on a rocket and going to space.

There are a lot of cool things we do at NASA. It's not only astronauts who work for NASA, but it's doctors, scientists, engineers, veterinarians, and many others all working together to make a space mission that allows us to eventually get up on the rocket and go and do the experiments in space on the space station."

-Suni Williams

ROBERT L. "BOB" BEHNKEN, NASA ASTRONAUT

Hometown: St. Ann, Missouri
Education: Washington University, California Institute of Technology
Flight Training: 1,500 hours in more than 25 aircraft
Time in Space: 29 days
Spacewalks: 6, totaling 37 hours
Missions: Space Shuttle missions STS-123 & STS-130 delivering Dextre, Kibo, Cupola, and Node 3 to ISS
Previous Assignments: Space Shuttle Cape Crusader, CAPCOM, Chief of the NASA Astronaut Corps
Achievements: National Science Foundation Graduate Research Fellow, NASA Space Flight and Defense Superior Service Medals
Military Experience: USAF Research Laboratory Engineer, Test Pilot School, F-22 Flight Test, USAF Colonel
Hobbies: Backpacking, skiing and learning

SUNITA L. "SUNI" WILLIAMS, NASA ASTRONAUT

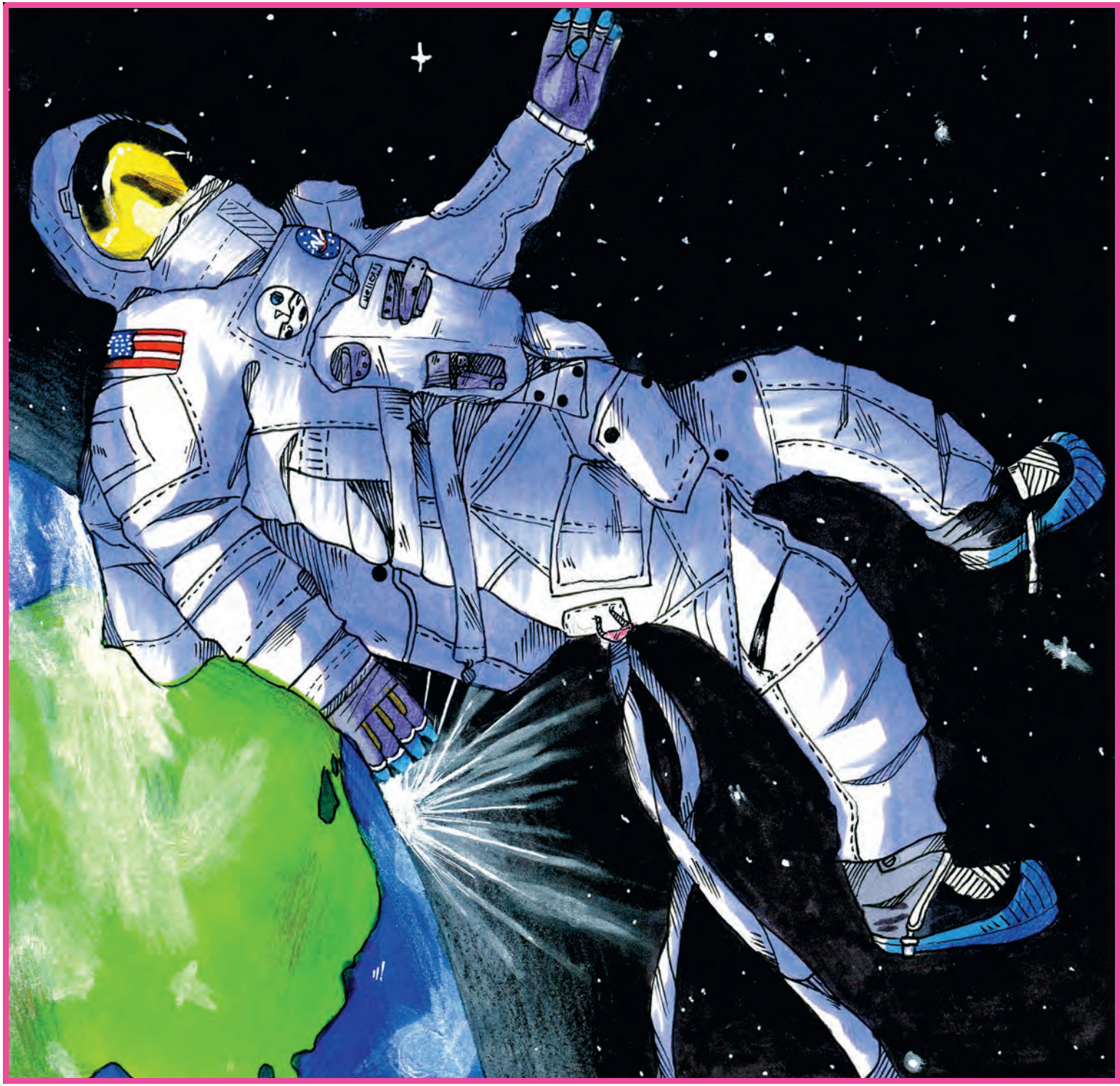
Hometown: Needham, Massachusetts
Education: U.S. Naval Academy, Florida Institute of Technology
Flight Training: 3,000 hours in more than 30 fixed wing and helicopter aircraft
Time in Space: 322 days
Spacewalks: 7 totaling 50 hours, 40 minutes – World Record for Women
Missions: STS 116, Expeditions 14/15, STS 117, Russian Soyuz TMA-05M, Expeditions 32/33, Commander of Expedition 33
Previous Assignments: ISS Russian Crusader, Robotics Branch, NEEMO2 Crew Member, Deputy Chief of the Astronaut Office, Director of Operations at the Gagarin Cosmonaut Training Center in Star City, Russia
Achievements: Defense Superior Service Medals, NASA Space Flight medals, Republic of India Padma Bhushan Award and Slovenian Medal for Service, first marathon and triathlon in space
Military Experience: US Navy Captain, CH-46D pilot, USN Test Pilot School graduate and instructor, Marine Air Warfare Training graduate, USN/USMC helicopter test pilot, V-22 chase pilot
Hobbies: Running, swimming, biking, triathlons, windsurfing, snowboarding, bow hunting and yoga

ERIC A. BOE, NASA ASTRONAUT

Hometown: Atlanta
Education: United States Air Force Academy, Georgia Institute of Technology
Flight Training: 5,000 hours in more than 45 aircraft
Time in Space: 28 Days
Miles Traveled: 11.3 million
Missions: STS-126, STS-133
Previous Assignments: Pilot, NASA Director of Operations at the Gagarin Cosmonaut Training Center in Star City, Russia, Deputy Chief of the Astronaut Office and United States Air Force Colonel
Achievements: Delivered the Multi-Purpose Logistics Module Leonardo, the Permanent Multipurpose Module and 4th Express Logistics Carrier to ISS
Military Experience: 55 combat missions over Iraq in support of Operation Southern Watch
Hobbies: Outdoor sports, reading, scuba diving and skiing

DOUGLAS G. "DOUG" HURLEY, NASA ASTRONAUT

Hometown: Apalachin, New York
Education: Tulane University
Flight Training: 5,000 hours in more than 25 aircraft
Time in Space: 28 days
Miles Traveled: 11.8 million
Missions: Space Shuttle missions STS-127 and STS-135 delivering the Japanese Exposed Facility and the Multi-Purpose Logistics Module Raffaello to ISS
Previous Assignments: Pilot, Shuttle Cape Crusader, NASA Director of Operations at the Gagarin Cosmonaut Training Center in Star City, Russia, and Assistant Director for Flight Operations
Achievements: 1st Marine pilot to fly the F/A-18 E/F Super Hornet, last pilot of the Space Shuttle, Legion of Merit
Military Experience: F/A-18 pilot, Weapons and Tactics Instructor, Navy Test Pilot School, F-18 A-F Flight Test, retired USMC Colonel
Hobbies: Family time in the Texas Hill Country and hunting



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.

Owen, 11
Bethesda, Maryland

Limitless

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
	1 New Year's Day	2	3	4	5	6
7	8	9	10	11	12	13
14	15 Martin Luther King Jr. Day	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

December 2017

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February 2018

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18	19	20	21	22	23	24
25	26	27	28			

I am an Astronaut Hovering in Space

Keenandra, 7
Jakarta, Indonesia

Did You Know?

The term "astronaut" derives from the Greek words meaning "space sailor," and refers to all who have been launched as crew members aboard NASA spacecraft bound for orbit and beyond. Astronaut has remained the title for those selected to join the NASA corps of astronauts who make space sailing their career profession. Learn more: https://www.nasa.gov/astronauts

January
2018

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.

Daniel, 6
Alhambra, California

Astronaut Training

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11	12	13	14 Valentine's Day	15	16	17
18	19 Presidents Day	20	21	22	23	24
25	26	27	28			

January 2018

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28	29	30	31			

March 2018

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18	19	20	21	22	23	24
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Did You Know?

Do you want to train like an astronaut? NASA's Train Like an Astronaut program includes physical activities that are modeled after the real-life training that astronauts do to prepare for exploring space. See if you have what it takes: http://go.nasa.gov/2htkqP0

Astronaut Training

Alessandra, 10

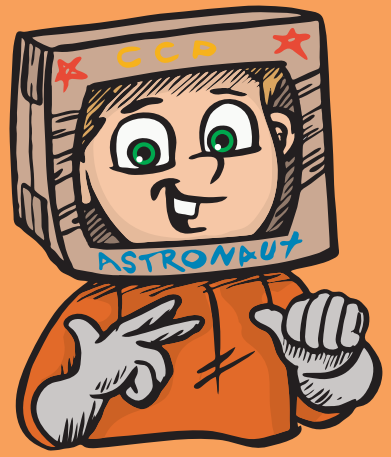
Turin, Italy

February

2018

SPACESUITS

An astronaut's space walk 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.



Ishika, 11
Sunnyvale, California

Dream Spacesuit for NASA Astronauts

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
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11 Daylight Saving Time Begins	12	13	14	15	16	17 Saint Patrick's Day
18	19	20 Spring Begins	21	22	23	24
25	26	27	28	29	30	31

February 2018

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April 2018

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22	23	24	25	26	27	28
29	30					

Did You Know?

Spacesuits are specially made for each astronaut and their destination. The suits commercial crew astronauts will wear to and from the International Space Station are different than the spacesuits astronauts wear to do a spacewalk. Learn more about spacewalks: https://www.nasa.gov/audience/forstudents/k-4/stories/nasa-knows/what-is-a-spacewalk-k4.html

My New Spacesuit

Sarah, 12

Landau, Germany

March

2018

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 the dangers of space.

Vivian, 4
Maple Valley, Washington

Spaceships, Earth and Moon

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
1 Easter	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16 Patriots' Day	17	18	19	20	21
22	23	24	25	26	27	28
29	30					

March 2018

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May 2018

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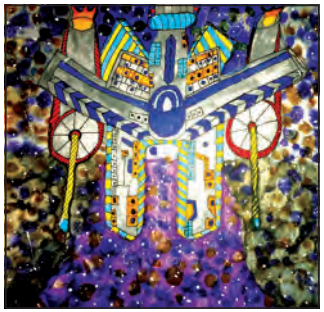
27	28	29	30	31		



Spaceship (Future)
Vyshnavi, 11
Sunnyvale, California

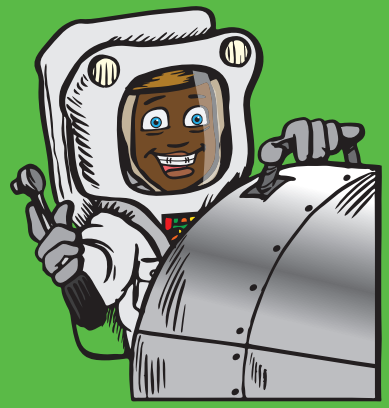
Did You Know?

NASA's Commercial Crew Program has two companies, Boeing and SpaceX, building new spacecraft to carry astronauts to the International Space Station. NASA also is working on the Orion spacecraft to launch aboard the Space Launch System to take astronauts on journeys to the Moon and Mars.

April
2018

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.



Ryley, 6
Singapore

BLAST OFF

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
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6	7	8	9	10	11	12
13 Mother's Day	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28 Memorial Day	29	30	31		

April 2018

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29	30					

June 2018

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Did You Know?

You don't have to be a rocket scientist to launch a NASA spacecraft with NASA's Rocket Science 101! Select your favorite NASA mission and build a rocket to send the spacecraft into orbit. You can learn more about thrilling missions and the various components of the launch vehicles, how they are configured and how they work together to successfully launch a NASA spacecraft: http://go.nasa.gov/2h4HiHU

Rockets

Uttaran, 9

Kolkata, India

May

2018

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.

Chloe, 11
Issaquah, Washington

3,2,1 Blast Off!

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
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10	11	12	13	14 Flag Day	15	16
17 Father's Day	18	19	20	21 Summer Begins	22	23
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May 2018

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July 2018

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Did You Know?

Did you know that Florida is known as the Space Coast? This is because this is the area of the United States where many of the nation's human and robotic explorers have started their journey of exploration. Commercial spacecraft delivering cargo to the International Space Station start their trips from the Space Coast. Soon, it will host astronaut launches on commercial rockets for NASA missions and NASA's new heavy-lift rocket, the Space Launch System, to take people to new destinations in our solar system!

Departure for Planet Mars from Florida

Lorenzo, 7½

Wittenheim, France

June

2018

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 up to four crew members on NASA missions to the station so that so important experiments can continue. Show us your best drawing of the space station.

Domenico, 11
Bari, Italy

I'll be back soon, I promise!

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
1	2	3	4 Independence Day	5	6	7
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June 2017

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August 2018

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26	27	28	29	30	31	

Fun in Space

David, 9

Alexandria, VA

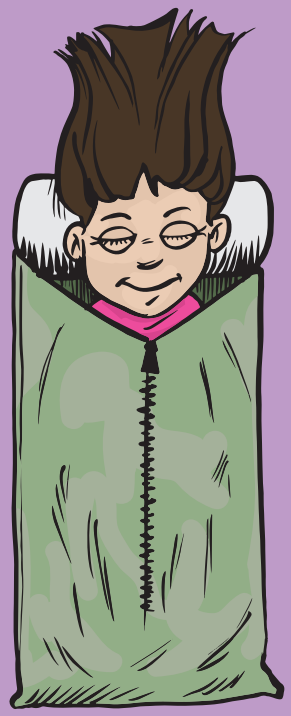
Did You Know?

The International Space Station looks like an airplane or a very bright star moving across the sky, except it doesn't have flashing lights or change direction. It also moves considerably faster than a typical airplane (airplanes generally fly at about 600 miles per hour; the space station flies at 17,500 miles per hour). The International Space Station is the third brightest object in the sky and easy to spot if you know when to look up. Sign up to find out when you can see the station from your location: ***https:// spotthestation.nasa.gov/***

July
2018

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!



Sara, 9
Paris, France

There's No Place Like Home

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
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July 2018

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September 2018

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Did You Know?

Have you ever wondered what it would be like to live and work in space? Follow astronauts on the International Space Station in a series of videos as they explain their daily routines:
https://www.nasa.gov/audience/foreducators/stem-on-station/dayinthelife

Living and Working in Space
Sayuni, 5
Kaluthara, Sri Lanka

August
2018

EXPLORING THE SOLAR SYSTEM

Every day, NASA explores deeper into our solar system—making new and exciting discoveries. From our Voyager spacecraft that have 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.

Kiko, 12
Metro Manila, Phillipines

Exploring Space

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
						1
2	3 Labor Day	4	5	6	7	8
9	10	11 Patriot Day	12	13	14	15
16	17	18	19	20	21	22
23 Fall Begins	24	25	26	27	28	29
30						

August 2018

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12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

October 2018

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7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

Did You Know?

Young explorers can take a trip to Mars with fun activities and teaching tools that share NASA's journey to the Red Planet. Download your Mars Survival Kit at ***http://go.nasa.gov/1jfoW4I***

Rocket In Space

Elizabeth, 12

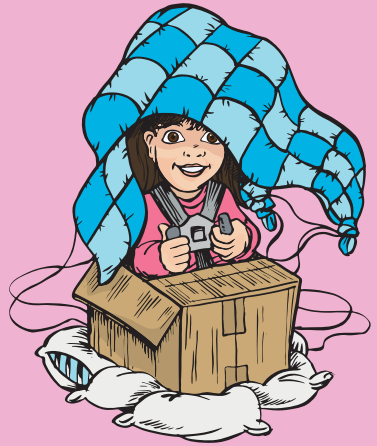
Bradenton, Florida

September

2018

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.



Selva, 11
Tamil Nadu, India

What Would You Take From Home?

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
	1	2	3	4	5	6
7	8 Columbus Day	9	10	11	12	13
14	15	16	17	18	19	20
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28	29	30	31 Halloween			

September 2018

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November 2018

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Did You Know?

Astronauts have to think carefully about what personal items they take with them when they are in space, far from home. To stay entertained, the astronauts can listen to music or do other things (hobbies, activities, interests, etc.) that they bring with them. Find out what would you take: https://www.nasa.gov/audience/foreducators/k-4/features/A_What_Would_You_Bring.html

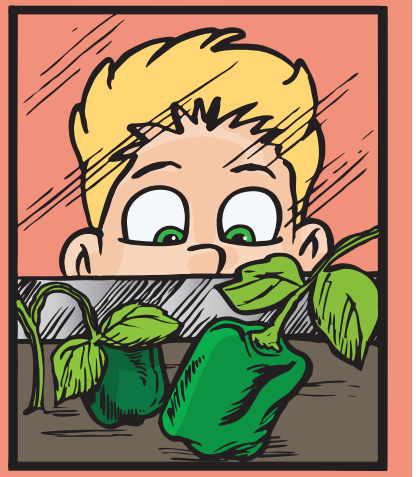
Home Away From Home

Alexia, 12
Alexandria, Virginia

October
2018

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.



Kaviya, 11
Tamil Nadu, India

Space Food

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
				1	2	3
4 Daylight Saving Time Ends	5	6	7	8	9	10
11 Veterans Day	12	13	14	15	16	17
18	19	20	21	22 Thanksgiving Day	23	24
25	26	27	28	29	30	

October 2018

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28	29	30	31			

December 2018

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30	31					

Did You Know?

Food is such an important part of our lives and culture. With so much variety available, it's hard to imagine choosing meals or being limited when embarking on a 6-month mission on the International Space Station. Learn more about NASA's food scientists helping prepare food for space: https://www.nasa.gov/content/space-food-systems. Recent crews have been growing their own vegetables and even get the chance to eat them: https://www.youtube.com/watch?v=RqtAK-FBtXU.

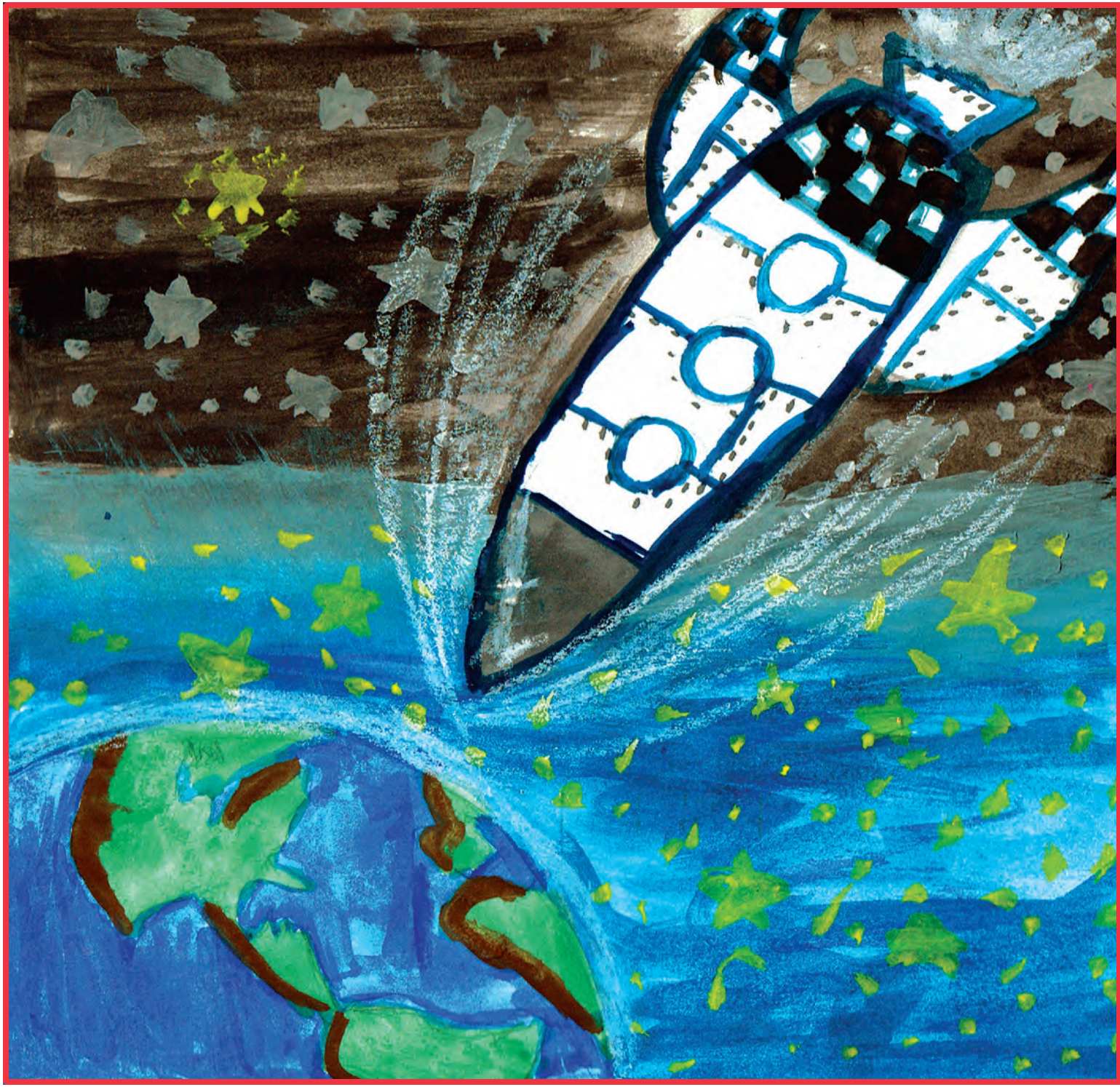
Yummy Food Grows in Space Stations Too!

Lanxi, 12

Houston, Texas

November

2018



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.

Esther, 11
Navarra, Spain

Back Home

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
						1
2	3 Hanukkah Begins	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21 Winter Begins	22
23	24	25 Christmas Day	26	27	28	29
30	31 New Year's Eve					

November 2018

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18	19	20	21	22	23	24
25	26	27	28	29	30	

January 2019

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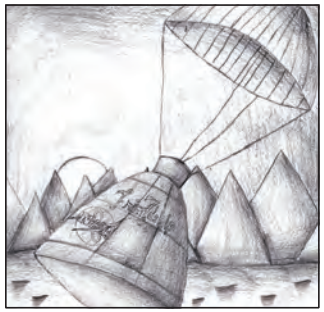

Entering Earth
Joie, 10
Houston, Texas

Did You Know?

For NASA's Commercial Crew Program, Boeing's Starliner and SpaceX's Crew Dragon will land back on Earth using different methods after leaving the International Space Station. The Starliner will land on land and the Crew Dragon will land in the ocean.

December
2018

Runners Up

Astronauts

Viktoria, 12 Alanya, Turkey

Spacecraft

Prisha, 9 Sunnyvale, California

International Space Station

Riya, 6 Atlanta, GA

What Would You Take from Home?

Jannatul, 10 Bronx, New York

Astronaut Training

Vihaan, 6 Robbinsville, New Jersey

Rockets

Bethany, 9 Wadsworth, Ohio

Living and Working in Space

Ruhee, 10 Edison, New Jersey

Space Food

Lillian, 11 Mesa, Arizona

Spacesuits

Alexandra, 10 Helsinki, Finland

Launch Day in Florida

Niya, 9 London, UK

Exploring the Solar System

Sanyukta, 12 Solihull, UK

Returning to Earth

Stephen, 8 Holywood, N. Ireland

NASA's Commercial Crew Program is working with American companies to build new rockets and spacecraft that will launch astronauts into space, to places like the International Space Station. These spaceships will launch from Florida and take astronauts about 250 miles above the surface of Earth to perform experiments. Those experiments make our lives better here on the ground and prepare other astronauts for longer missions to places like the Moon and Mars.

For more information, go to: www.nasa.gov/commercialcrew and http://blogs.nasa.gov/commercialcrew

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