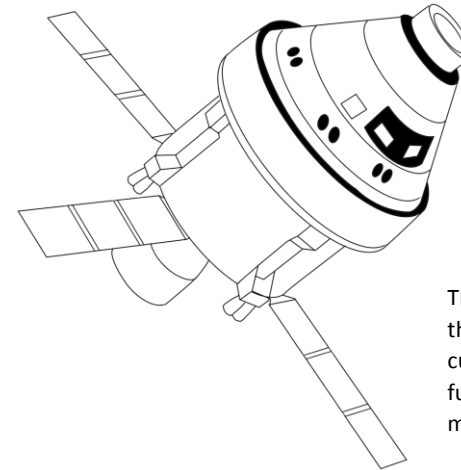


MISSION TASK CHECKLIST



**K – 2nd grade
Edition**



The Orion spacecraft is the crew vehicle NASA is currently developing for future deep-space missions.

EXPEDITION LOGBOOK

- Entryway Discovery (page 2)
- Astronaut Encounter (page 3)
- Wild Neighbors (page 4)
- Explorers Wanted (page 5)
- ISS Live! (page 6)
- Bus Tour (page 7)
- Build A Rocket (page 8)
- Rocket Garden Puzzle (page 9)
- Countries & Flags (page 10)

For more cool information and activities, visit www.nasa.gov and click on the “For Students” tab!

Team Name: _____

Commander (teacher): _____

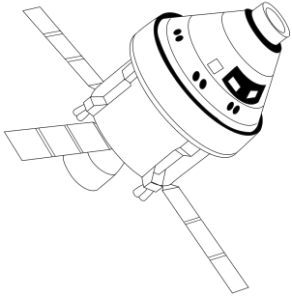
Pilot (chaperone): _____

Mission Specialist 1 (MS1): _____

Mission Specialist 2 (MS2): _____

Mission Specialist 3 (MS3): _____

Mission Specialist 4 (MS4): _____



Expedition 321

YOU ARE GO FOR LAUNCH

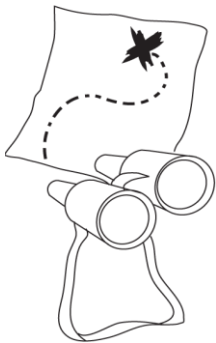
Grades K - 2

Welcome to Kennedy Space Center Visitor Complex, the only place on Earth where human beings have left the planet, traveled to another planetary body and then returned ... safely! No NASA mission is undertaken alone, and your expedition is no exception! You have been assigned to an Expedition Team where each **Crew Member** has important responsibilities:

✓ **Commander (the teacher):** Assign crew members to teams, prepare the teams for their mission tasks with advance training and debrief the teams after the mission.

✓ **Pilot (the chaperone):** Make sure the expedition stays on course, with all crew members accounted for at all times. Guide the team to the appropriate locations to complete mission tasks.

✓ **Mission Specialists (the students):** Each crew member will keep a record of the team's activities in his or her own Expedition 321 Logbook, but all Mission Specialists will work together to complete every mission task. For each task, one crew member will take the lead, making the decisions that will help the entire team participate and be successful. Mission Specialists are:



- ❖ **MS-1:** Entryway Discovery, ISS Live
- ❖ **MS-2:** Wild Neighbors, Astronaut Encounter
- ❖ **MS-3:** Explorers Wanted, Build A Rocket
- ❖ **MS-4:** Bus Tour, Countries & Flags

TEAMWORK MAKES THE DREAM WORK!

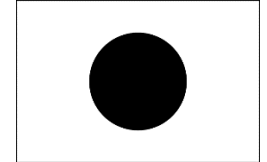
MISSION TASK: Countries & Flags

LOCATION: ISS Mural (Near Playdome)

**Did you know that there are 15 countries that currently work together to make the International Space Station possible?*

Match the country to the correct flag by drawing a line:

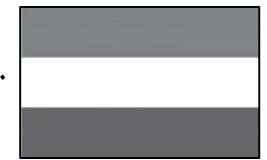
Spain



Japan



Canada



United Kingdom



Russia



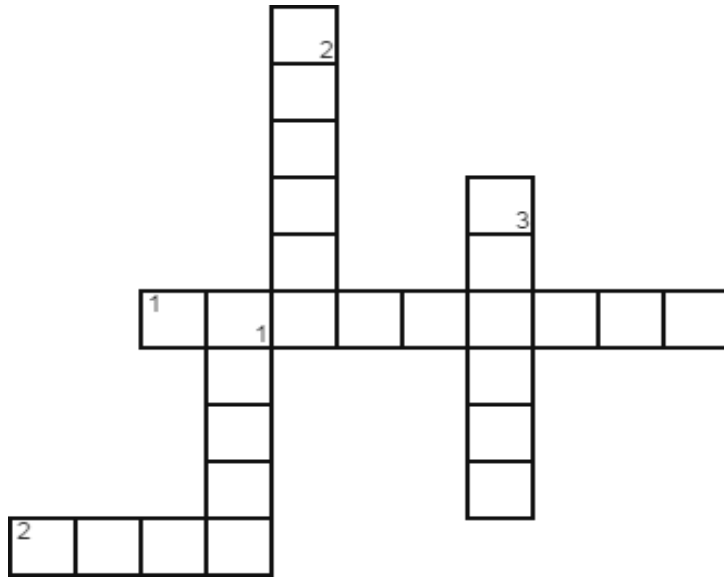
United States



MISSION TASK: Rocket Garden Puzzle

LOCATION: Rocket Garden

Complete the crossword puzzle below with answers you find in the Rocket Garden.



KEY

Gantry
NASA
Eleven
Astronaut

Seven
Engineer
Moon
Rocket

Across

1. If you want to go into space, you might become an _____.
2. If you become an astronaut, you can go to the ____.

Down

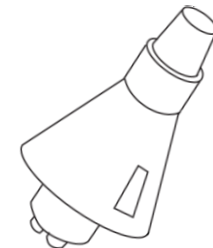
1. How many rockets do you see that are standing upright?
2. A _____ can take an astronaut into space.
3. The Apollo astronauts walked across the _____ to get into the capsule.

MISSION TASK: Entryway Discovery

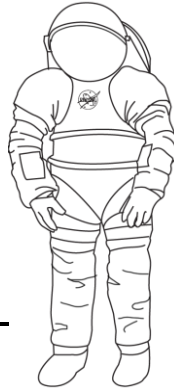
LOCATION: Fountain at Front Entrance

Draw your best sketch of the NASA globe in front of the fountain:

*Did you know the globe that represents NASA's logo is often referred to as the "NASA Meatball?"



MISSION TASK: Astronaut Encounter
LOCATION: Astronaut Encounter Theater



What is the name of the astronaut you met today?

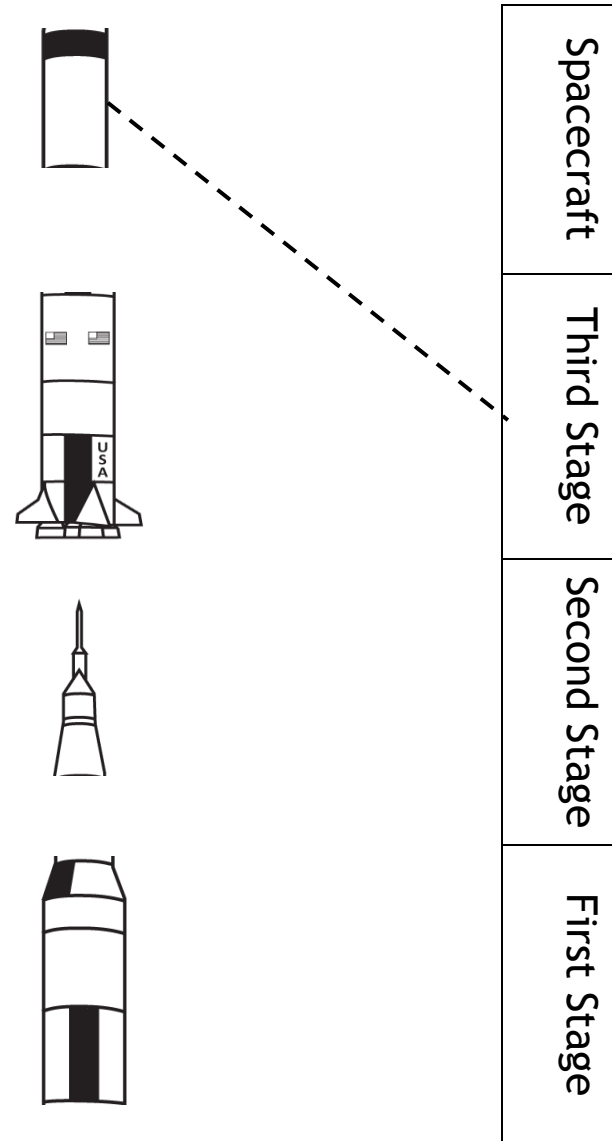
How many missions did he/she fly on?

What is one thing you learned from the astronaut?

What is one question you would have asked the astronaut?

MISSION TASK: Build a Rocket
LOCATION: Apollo/Saturn V Center

Draw lines to where you would put the part to build a working rocket:



MISSION TASK: Bus Tour

LOCATION: Space Center Tours Bus Tour Boarding

Circle each of these things as you see them on your bus tour of Kennedy Space Center. How many did you spot?

Countdown Clock

NASA Logo

A Launch Pad

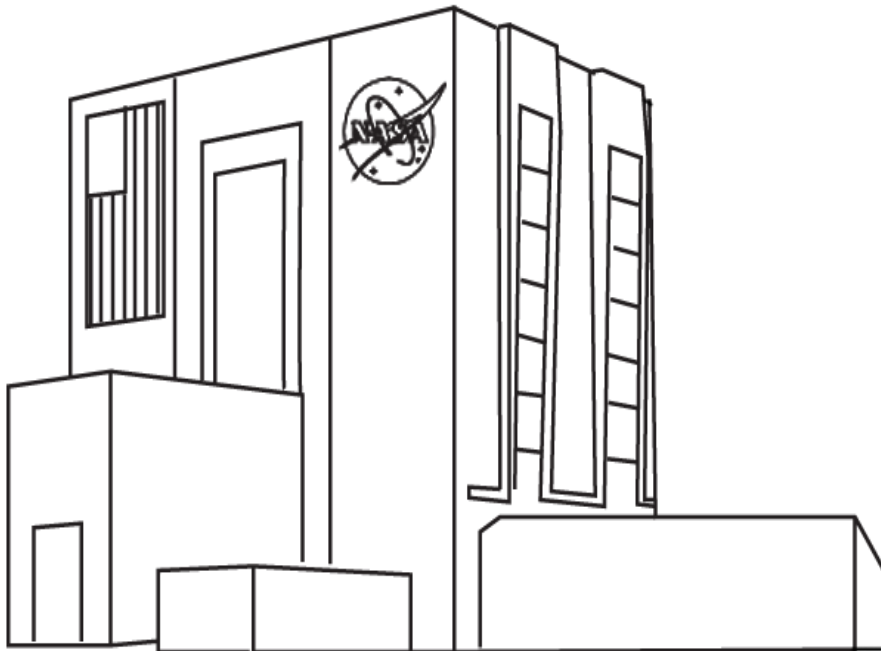
Crawlerway

Eagle's Nest

Vehicle Assembly Building

American Flag

Alligator



MISSION TASK: Wild Neighbors

LOCATION: Nature and Technology

Find each of these animals in the Nature & Technology exhibit, then match them to their habitats found on KSC property.

Canaveral National Seashore



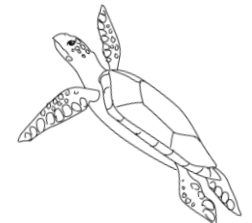
Indian River Lagoon and Mosquito Lagoon Estuary



Merritt Island National Wildlife Refuge



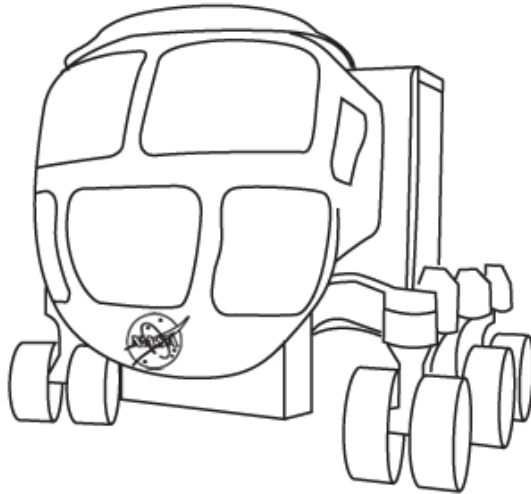
Mullethead Island Wading Bird Rookery



MISSION TASK: Explorers Wanted!

LOCATION: Journey To Mars: Explorers Wanted

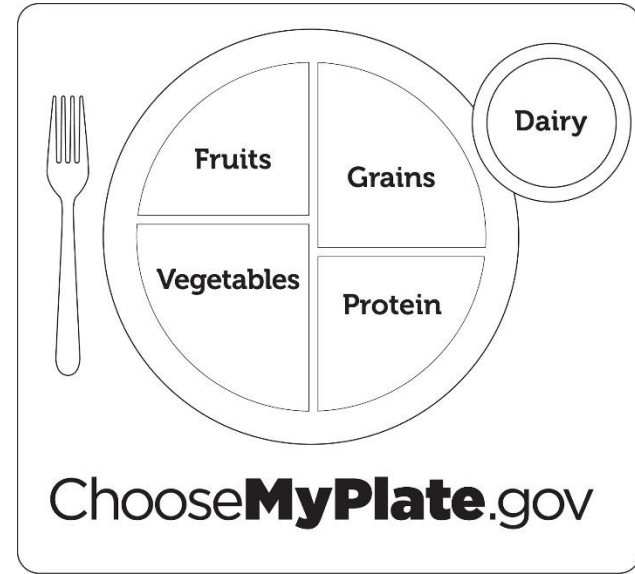
Find the 7 cutouts of different people that have Space related jobs. Read about his/her job.



MISSION TASK: ISS Live!

LOCATION: Space Shuttle AtlantisSM ground floor

Using the image below, create the meals for one day for an astronaut onboard the International Space Station.



Astronaut Day One Menu

Meal	Grain	Fruit	Dairy	Protein	Vegetable
<i>Breakfast</i>					
<i>Lunch</i>					
<i>Dinner</i>					

Choices from the International Space Station Standard Menu:

- | | | | | |
|---------|-------------|--------------|---------|--------------|
| apple | pudding | beef stick | yogurt | waffles |
| carrots | banana | cheese | yams | cocoa |
| milk | green beans | flat bread | rice | broccoli |
| cereal | nuts | corn | eggs | meatloaf |
| tuna | crackers | strawberries | raisins | orange juice |

The one I like best is _____
because _____
_____.