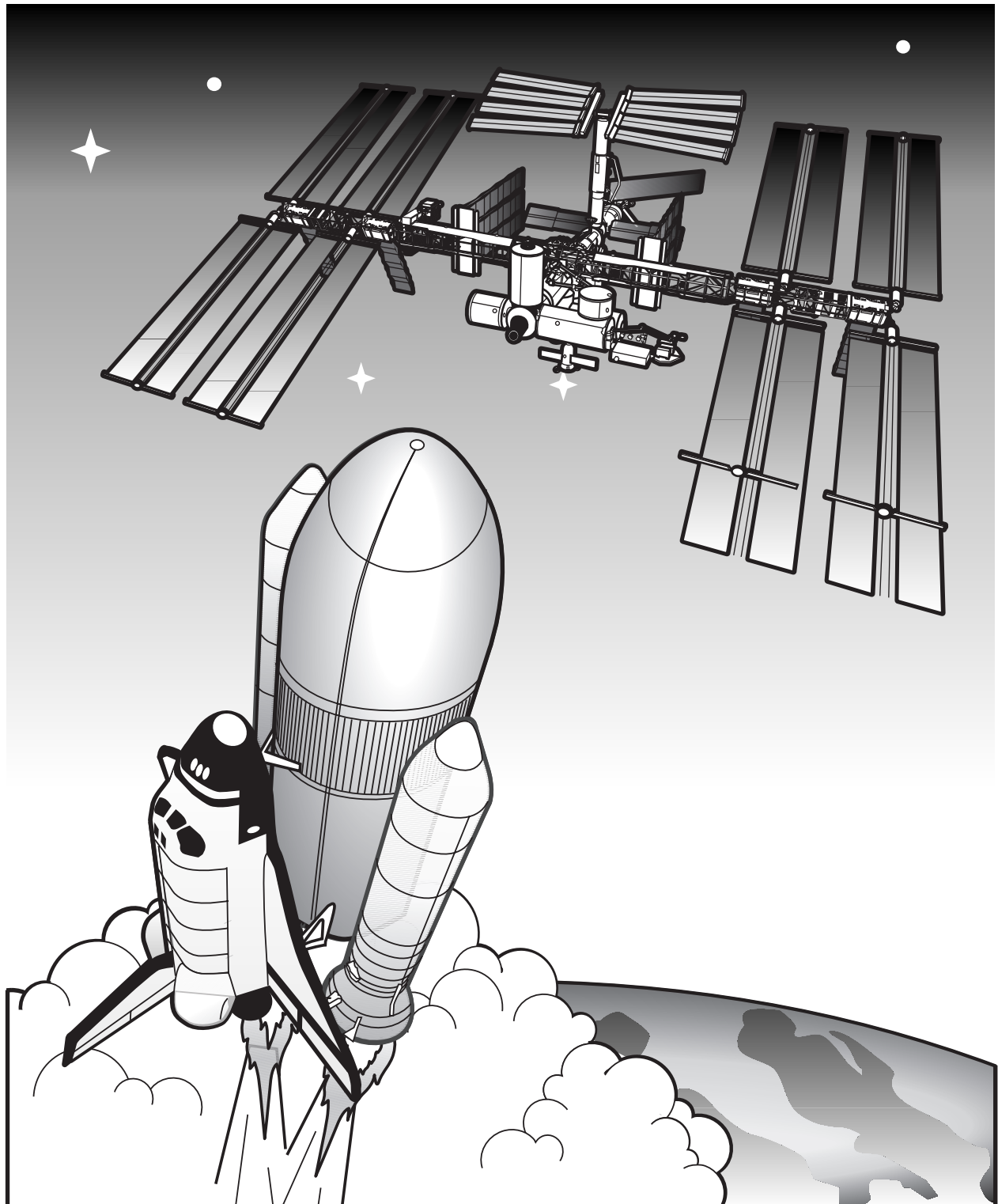


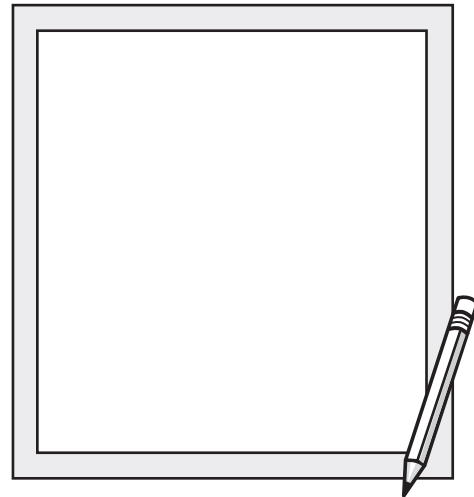


Space Activity Book



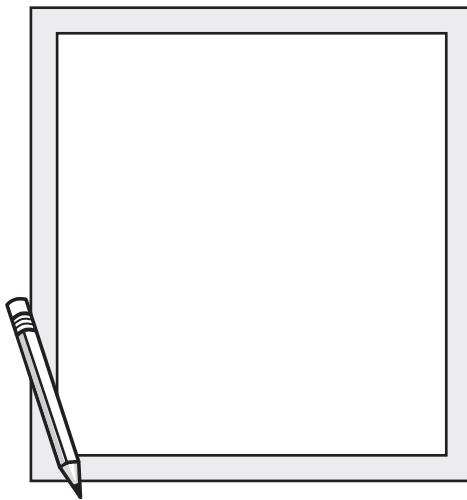
This book belongs to _____

Draw a picture of yourself.



This is me now:

Draw a picture of yourself.



Date: _____

This is me grown up.

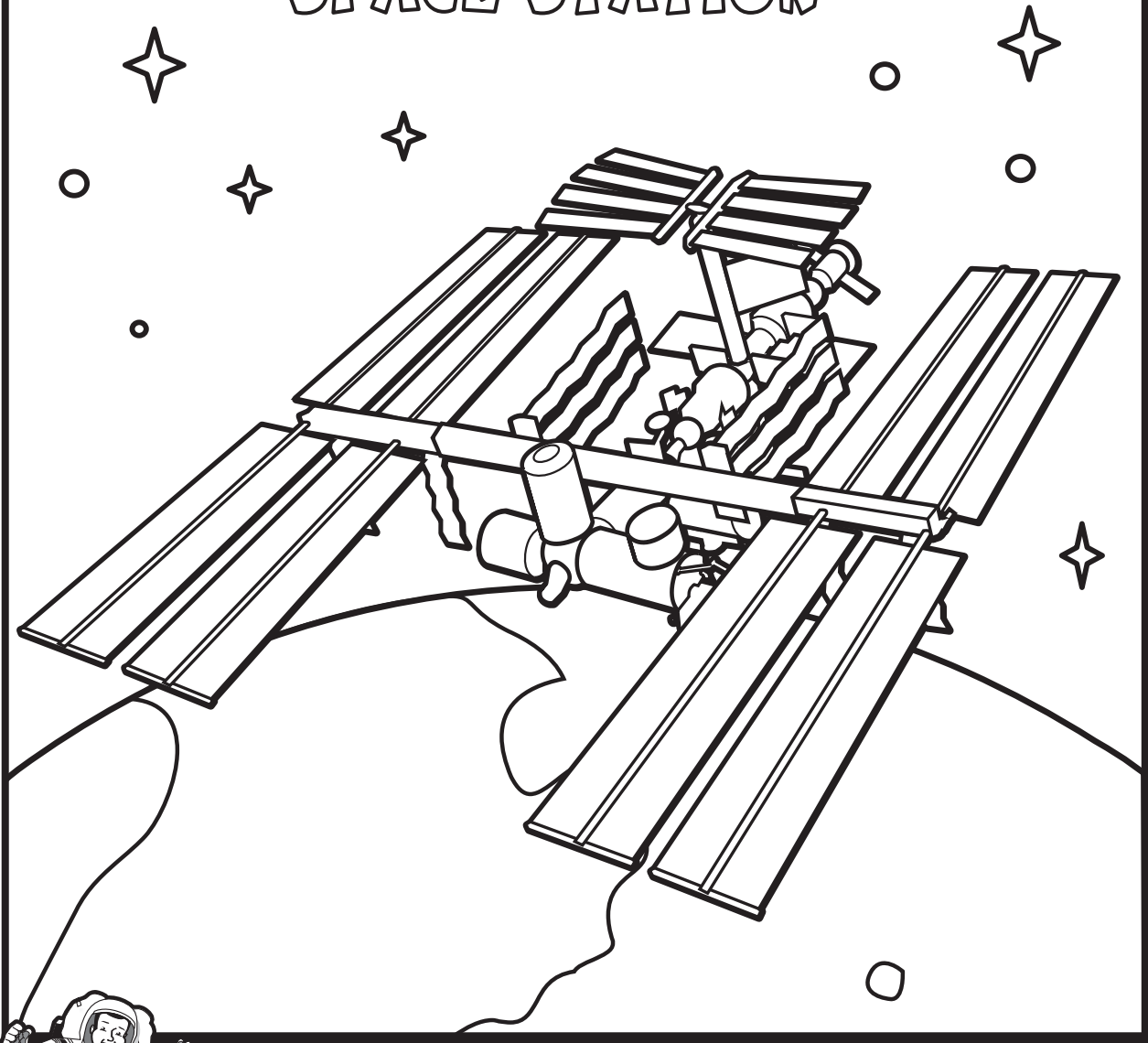
I am a/an:

Date: _____

Enjoy online space exploration by visiting
spaceflight.nasa.gov

Let's fly a mission to the International Space Station!

COLOR THE INTERNATIONAL SPACE STATION

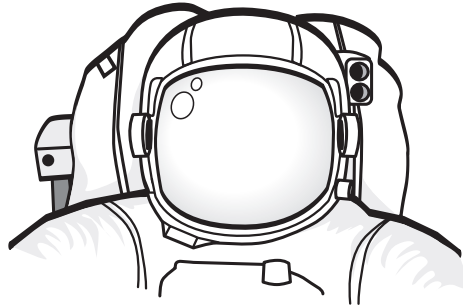


There have been more than 100 Shuttle missions so far, enabling science and medical research as well as bringing up astronauts and tools to space. When is the next Shuttle mission?

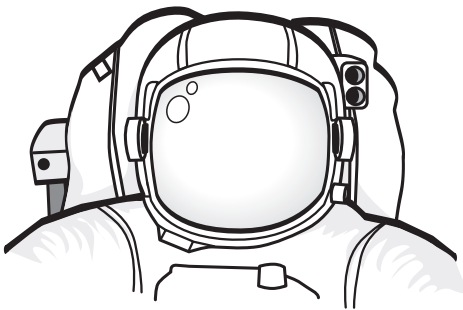
Find the answer to this question and more at spaceflight.nasa.gov

Name your Shuttle crew for the mission

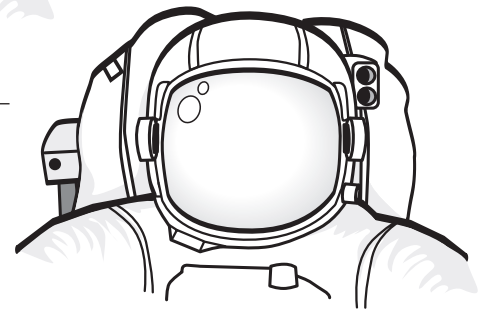
Draw their pictures in the helmets
and give them names.



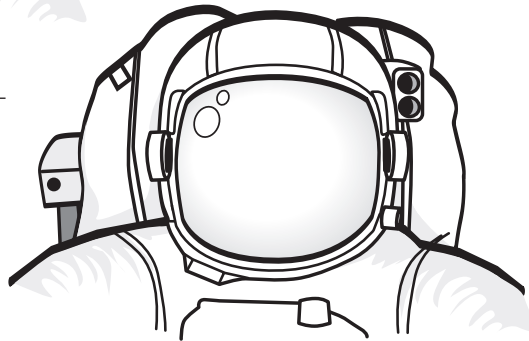
Pilot



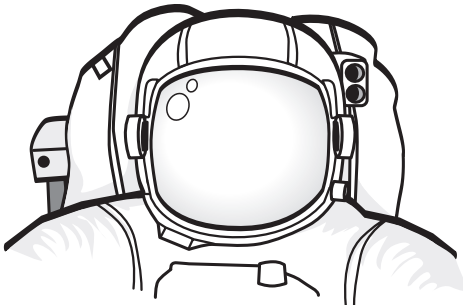
**Mission
Specialist**



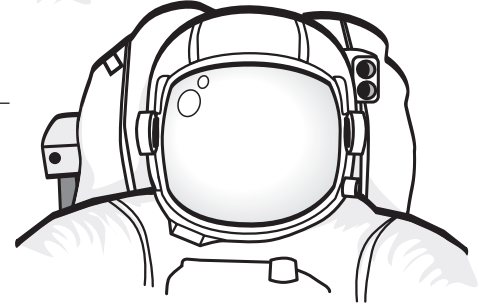
**Mission
Specialist**



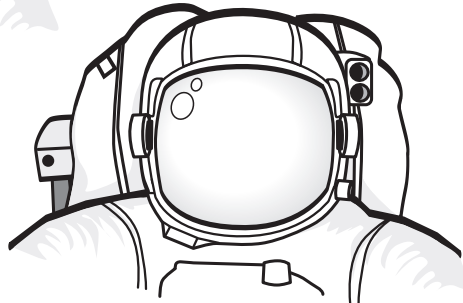
Commander



**Payload
Specialist**

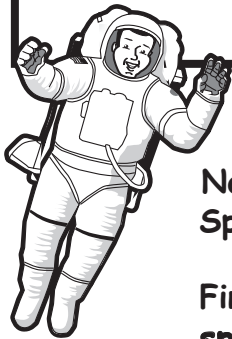
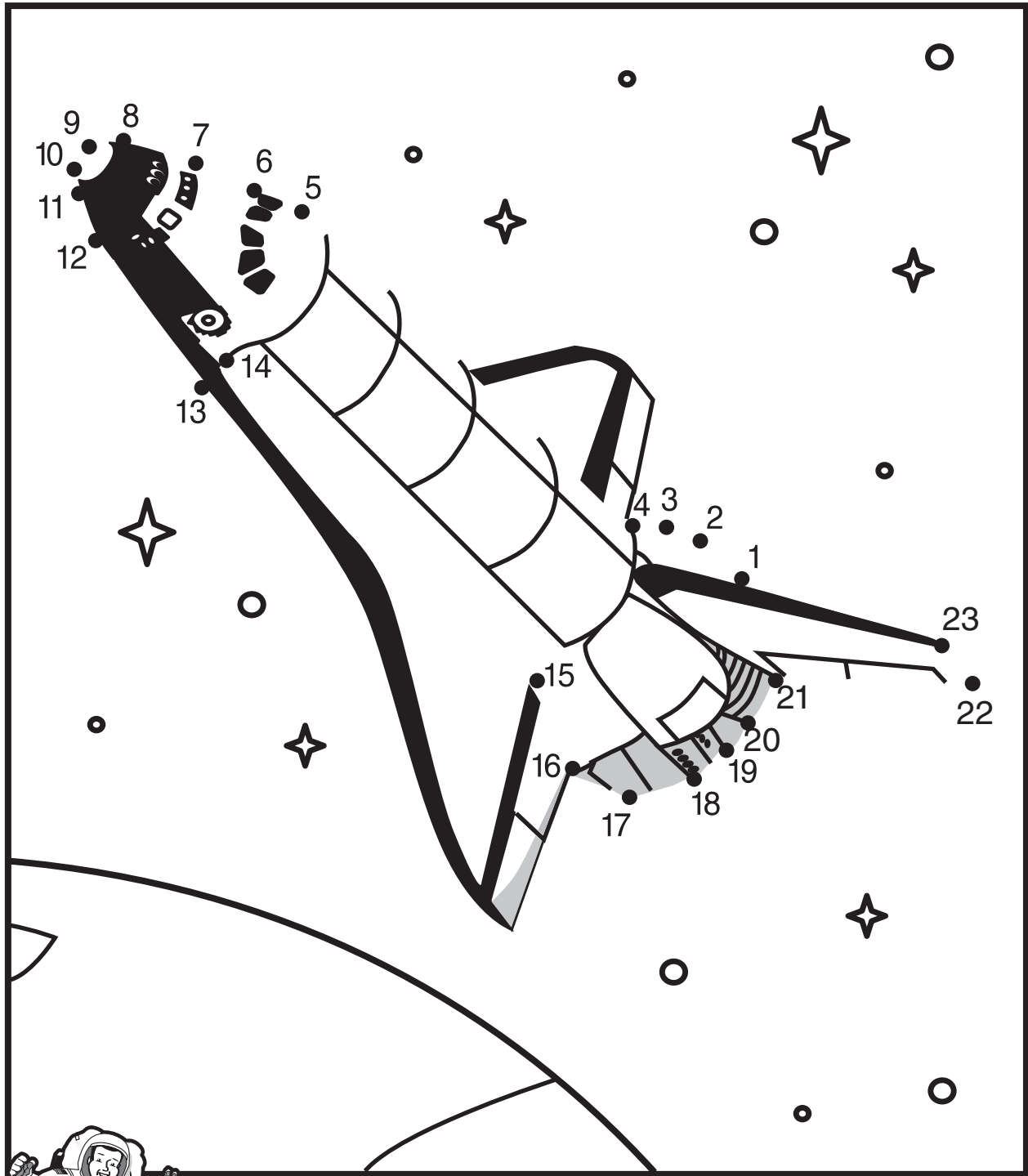


**Payload
Specialist**



Mission Specialist

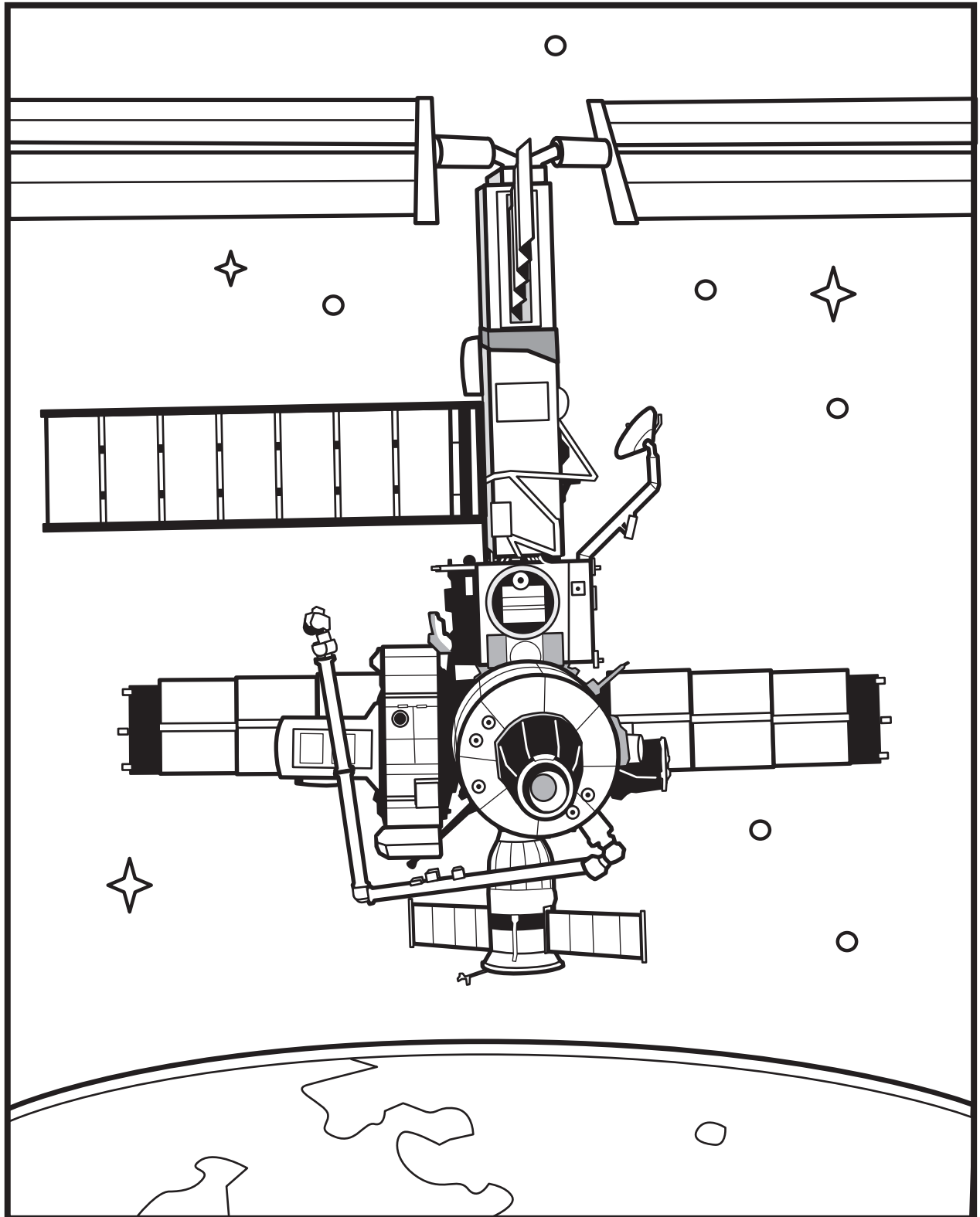
Connect the dots on the Shuttle



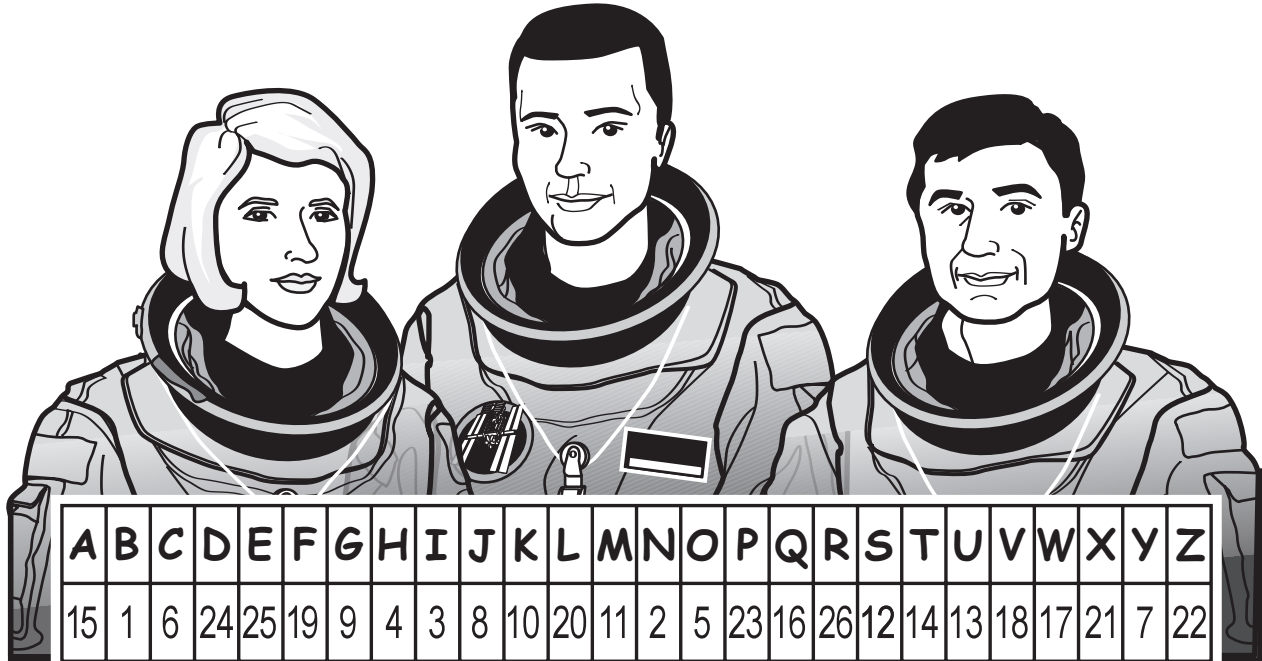
People have been living on the International Space Station since November 2000. How many people are living on the International Space Station right now?

Find the answer to this question and more at spaceflight.nasa.gov

Color the International Space Station



International Space Station Cryptogram



14 4 25 6 26 25 17 5 19 14 4 25

3 2 14 25 26 2 15 14 3 5 2 15 20 12 23 15 6 25

12 14 15 14 3 5 2 4 5 23 25 12 7 5 13 15 26 25

4 15 18 3 2 9 15 9 5 5 24 24 15 7 •

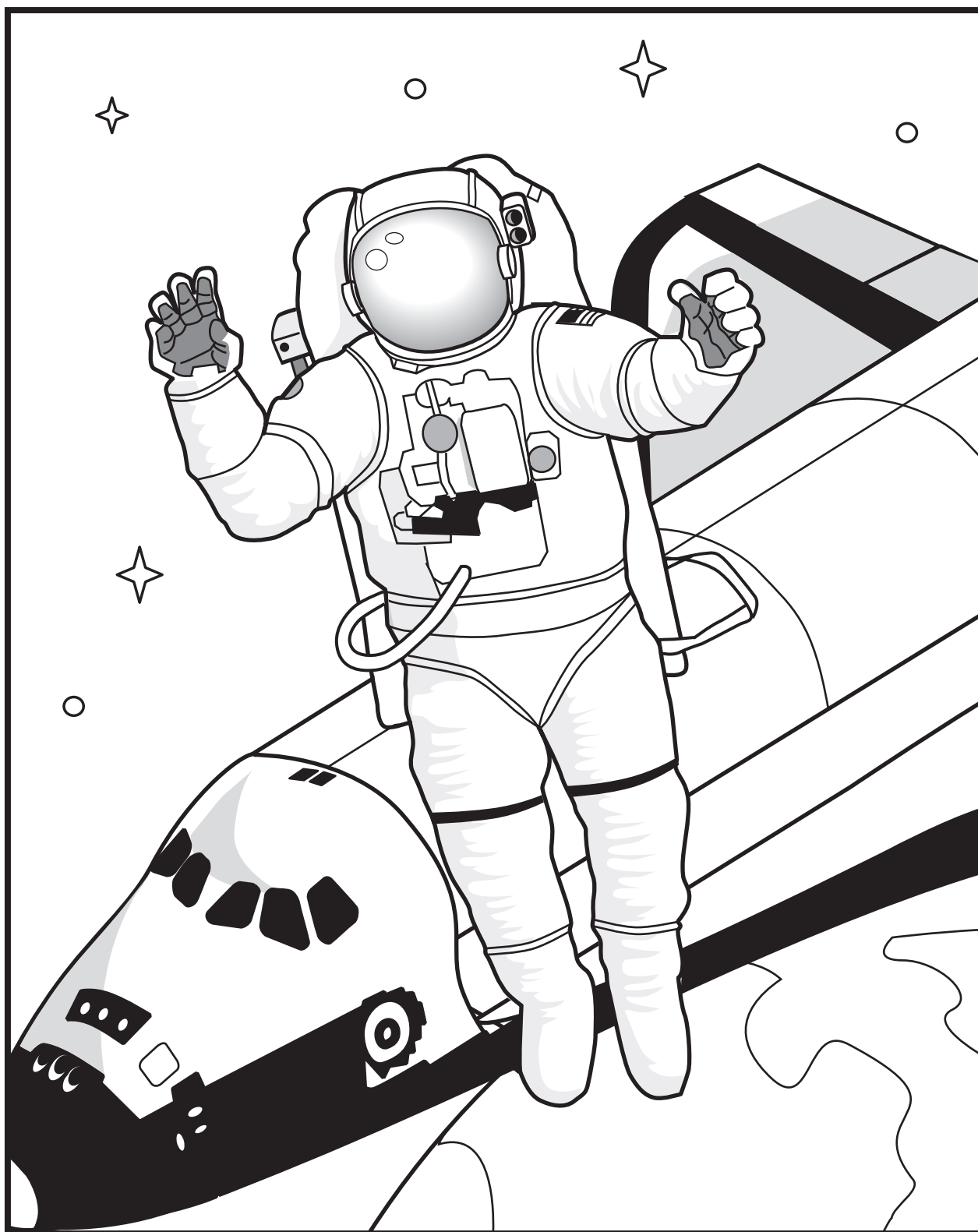
Solution on page 11



You can see the International Space Station in the night sky.
When is the International Space Station flying over your house?

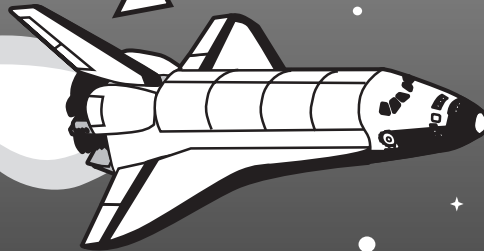
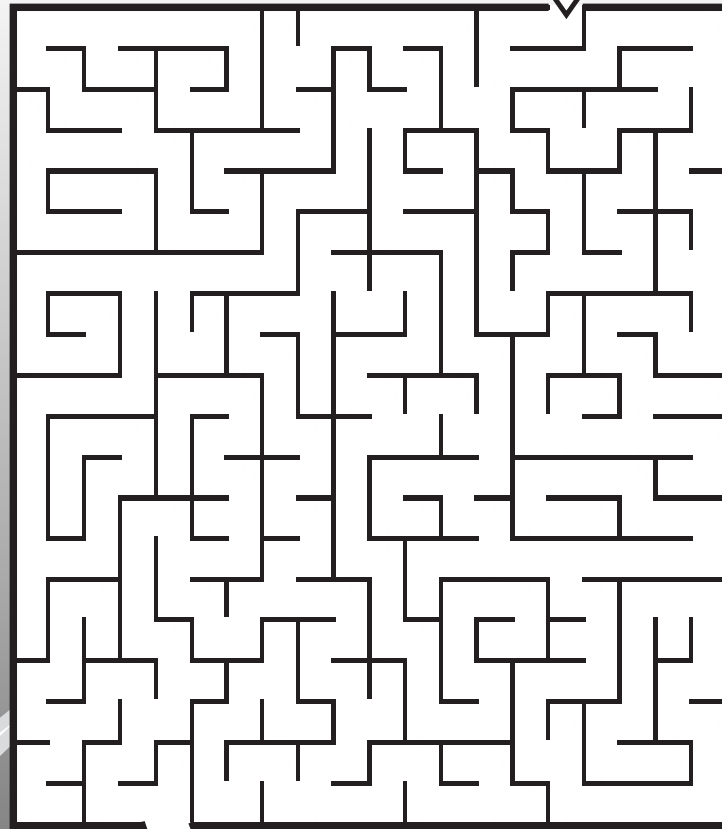
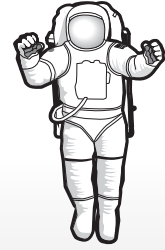
Find the answer to this question and more at
spaceflight.nasa.gov

Color the Astronaut performing a Spacewalk



A-MAZE-ING!

Help the Astronaut safely return to the Space Shuttle!



Solution on page 11



Astronauts are already doing experiments in space that may help people here on Earth. What kinds of science experiments are they doing on the International Space Station this week?

Find the answer to this question and more at spaceflight.nasa.gov



International Space Station Word Search

S X C A Y Z V E Z D A D S W A
 A D K O D A N I E K Z E C C D
 M S N R S A W A G Z E S L M N
 P U T A A M N R S Q C T B R V
 J W I R L M O A O A N I O M U
 L M E G O R N N C N A N J S A
 Z V T H L N E E A Q R Y A I T
 I T A L Y E A H D U F H S S L
 L I Z A R B B U T K T S L I O
 Y N A M R E G G T E U K C N X
 S W E D E N G K M R N V K L Z
 L L U N I T E D K I N G D O M
 D N A L R E Z T I W S D W K B
 U G H M N A P A J N I A P S P
 U N I T Y A Y R A Z C I S V T

ASTRONAUT

BELGIUM

BRAZIL

CANADA

COSMONAUT

DENMARK

DESTINY

FRANCE

GERMANY

ITALY

JAPAN

NASA

NETHERLANDS

NORWAY

RUSSIA

SPAIN

SWEDEN

SWITZERLAND

UNITED KINGDOM

UNITY

USA

ZARYA

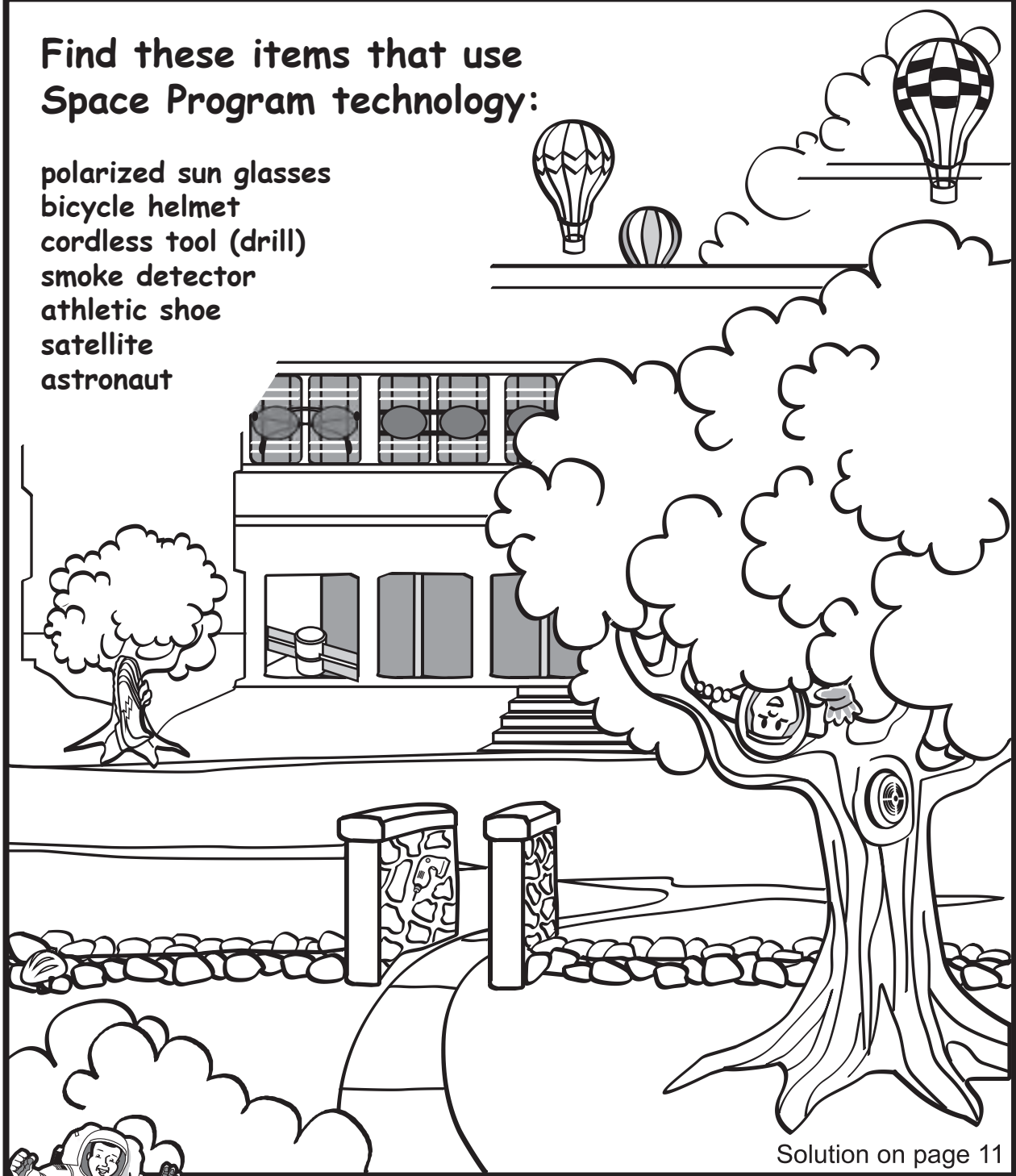
ZVEZDA



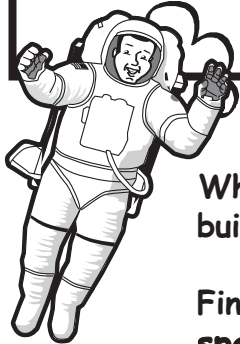
Back on Earth Hidden Pictures

Find these items that use
Space Program technology:

polarized sun glasses
bicycle helmet
cordless tool (drill)
smoke detector
athletic shoe
satellite
astronaut



Solution on page 11



People with many different backgrounds work in the space program. What kinds of subjects do you have to study to be an engineer who builds space shuttles and space modules like the space station?

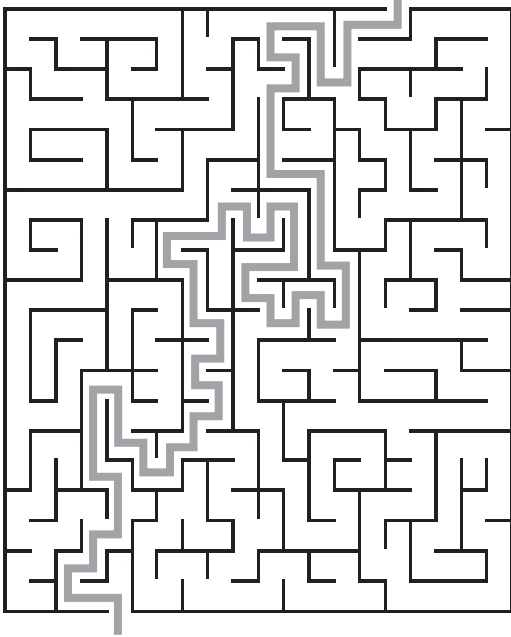
Find the answer to this question and more at
spaceflight.nasa.gov

Color the portrait of the
Atlantis Space Shuttle crew



Puzzle Solutions

Maze Solution:



Word Search Solution:



Cryptogram Solution:

The Crew of the International Space Station hopes you are having a good day.

Hidden Pictures Solution:

The polarized sun glasses are in the second-floor windows of the building.

The bicycle helmet is in the rocks lining the stream, on the left of the picture.

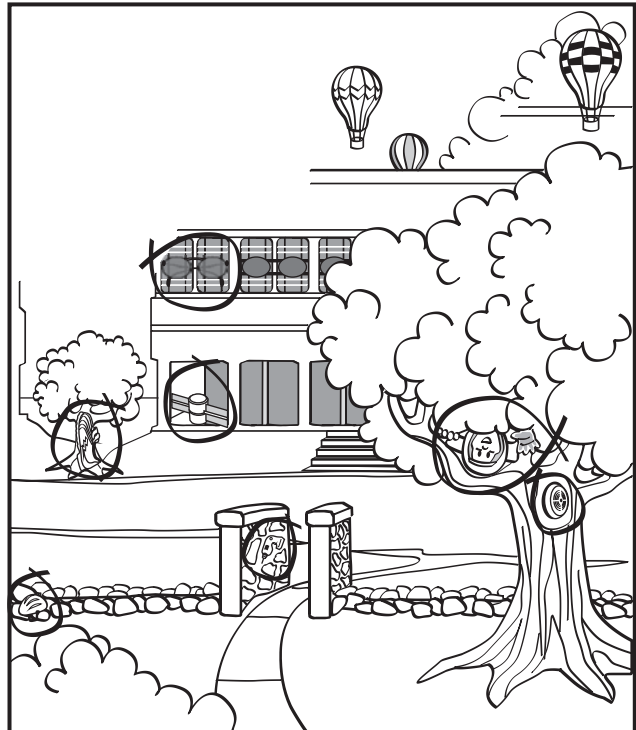
The cordless tool is in the stones on the handrail of the path over the stream.

The smoke detector is in the trunk of the large tree.

The athletic shoe is in the trunk of the small tree.

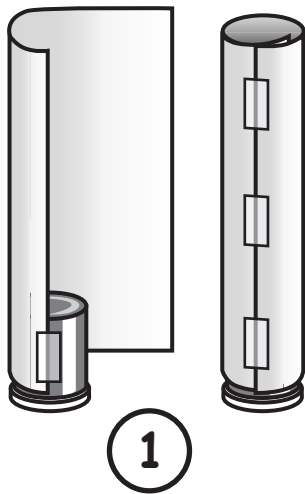
The satellite is on the first floor of the building.

The astronaut is waving from the leaves of the large tree.

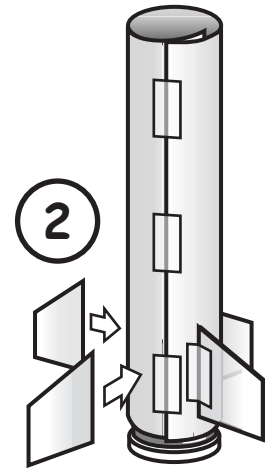


Build a Rocket that you can really launch!

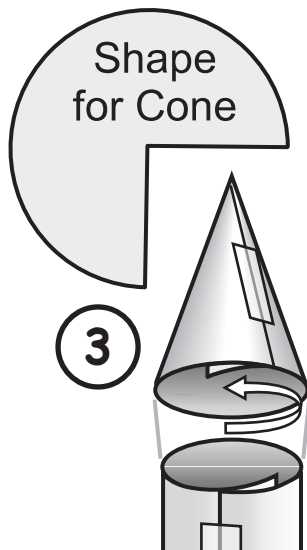
You'll need a few sheets of sturdy paper, scissors, some tape, an empty film canister, an effervescent tablet (cut in half), an outdoor surface to launch from, and eye protection.



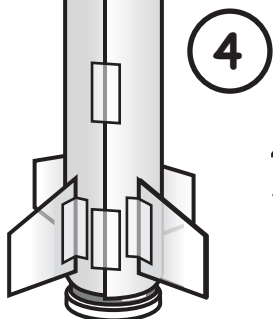
1. Set the film canister on the table, lid end down. Tape a tube of paper around the film canister. This will be your rocket.



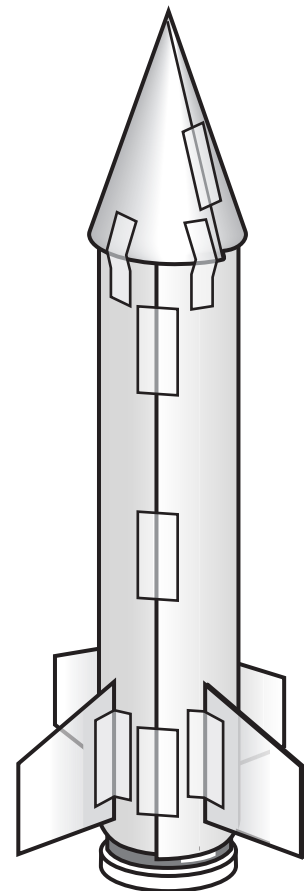
2. Cut out four fins for your rocket and tape them on.



3. Cut out a piece of paper for the cone. Roll it together as shown, with the large end slightly bigger than the top of your rocket.



4. Tape the cone onto your rocket. You're ready to launch!



Continued on next page

3-2-1-Liftoff!

1. Put on your eye protection.
2. Turn the rocket upside down and carefully fill the canister one-third full of water.

Work quickly on the next steps!

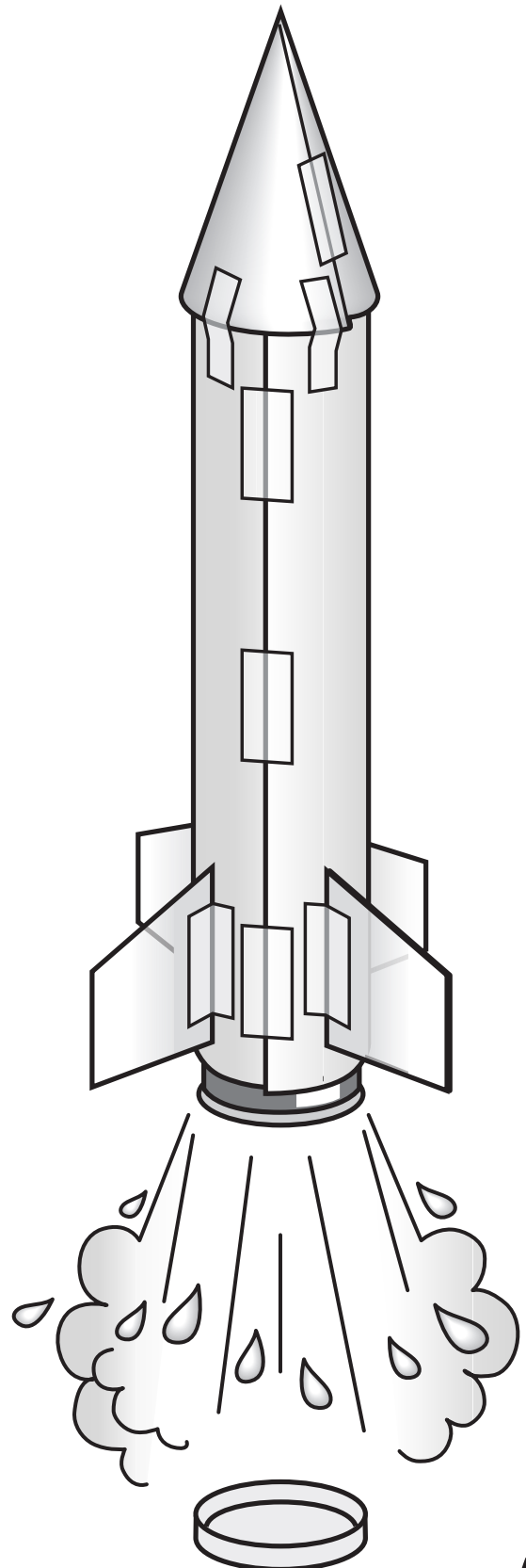
3. Drop in 1/2 of the effervescent tablet.
4. Snap the lid on tight.
5. Stand the rocket on the launch platform.
6. Stand back and watch the launch!

Things to think about:

What will you name your rocket?

Where would you send it?

What would you carry on it?





National Aeronautics and Space Administration

Marshall Space Flight Center

Huntsville, AL 35812

www.nasa.gov/centers/marshall

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