



UNITED STATES
SPACE FORCE

CALLING ALL SPACE FORCE JUNIOR GUARDIANS

Enter an Operations Center for the United States Space Force.



SEMPER SUPRA – ALWAYS ABOVE

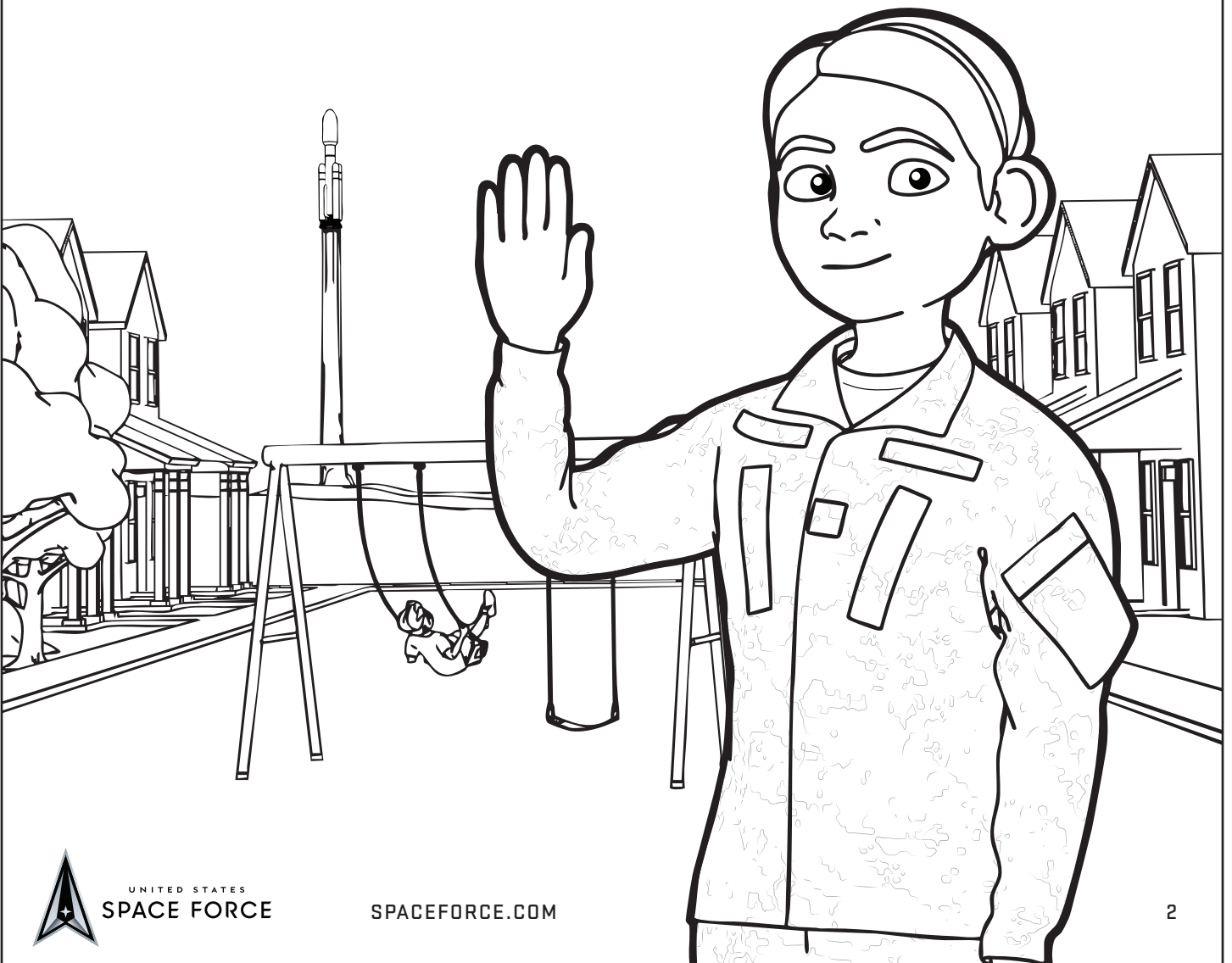
Hi there! I'm a Guardian in the United States Space Force.

Every day, my teammates and I protect your way of life in, from, and to space.

We launch satellites into space, we make sure you can use the satellites, and we even protect space and us from bad actors. These are people or countries who try to cause us harm or break space laws.

Imagine you're swinging on a playground with your friends. You want to make sure no one runs in front of your swing and gets hurt. And if someone tried to push your friend off their swing, you would step in and protect them. That's what Guardians do in space. They keep satellites safe and stop anyone from causing trouble.

In this book, you'll learn what we do and how YOU can start training to think like a Guardian.

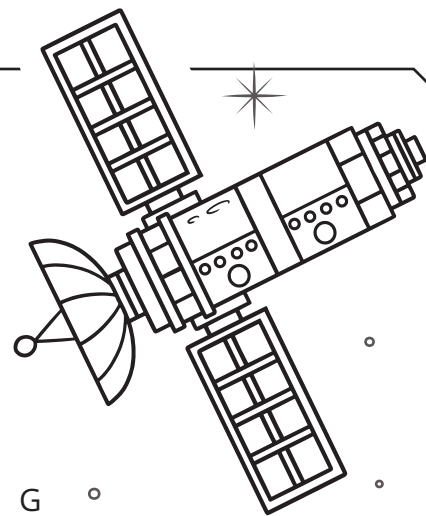


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WORD SEARCH

To talk to other Space Force Guardians, we have to use shared vocabulary. Find the following space words in the Word Search below. Look up, down, forward, backward, and diagonally.



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

CYBER	INFRARED	JAMMING
GUARDIAN	LAUNCH	MISSILE
LASER	ORBIT	PATCH
MISSION	SATELLITE	SEMPER
RADAR	WARNING	SUPRA
DEBRIS	GPS	



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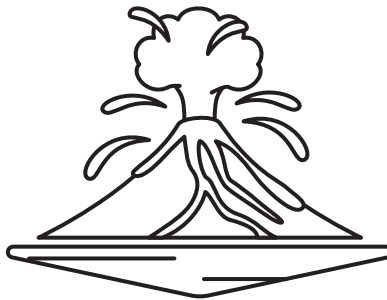
COLOR THE HEAT

Guardians use special satellites with infrared cameras to detect wildfires, storms, and other big changes on Earth.

Help our Guardians put together an intelligence report by coloring hot things red, orange, or yellow. Color cold things blue, purple, or green.



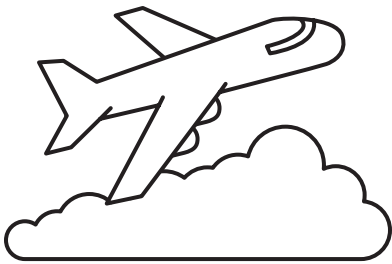
Wildfire



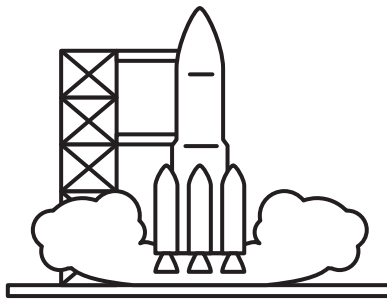
Volcano



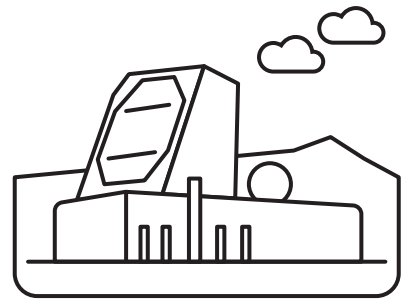
City



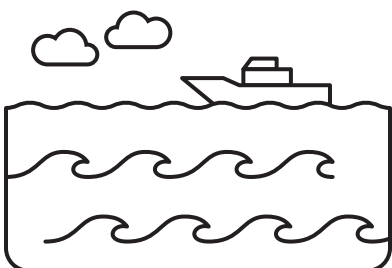
Airplane



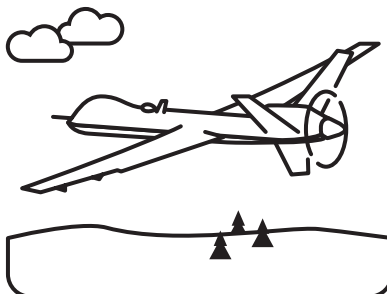
Rocket Launch Pad



Ground-based Radar



Ocean



Drone



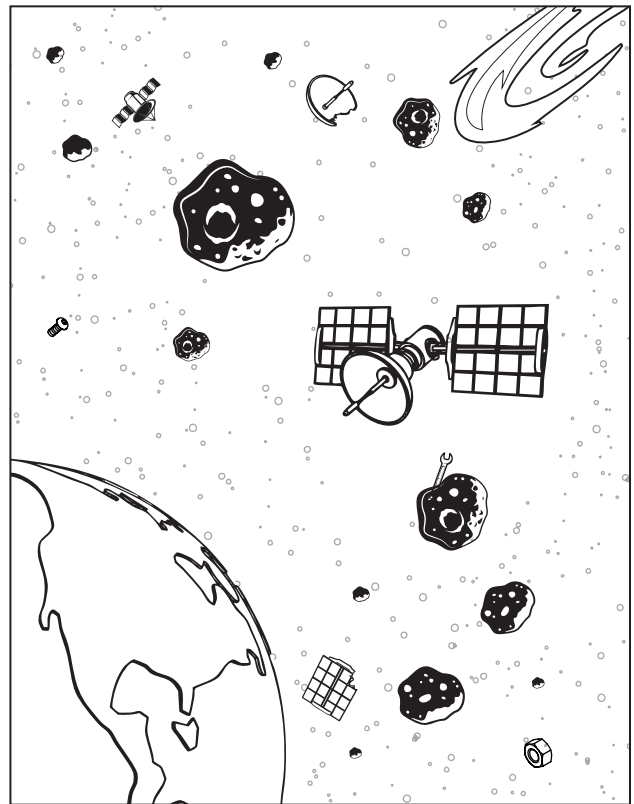
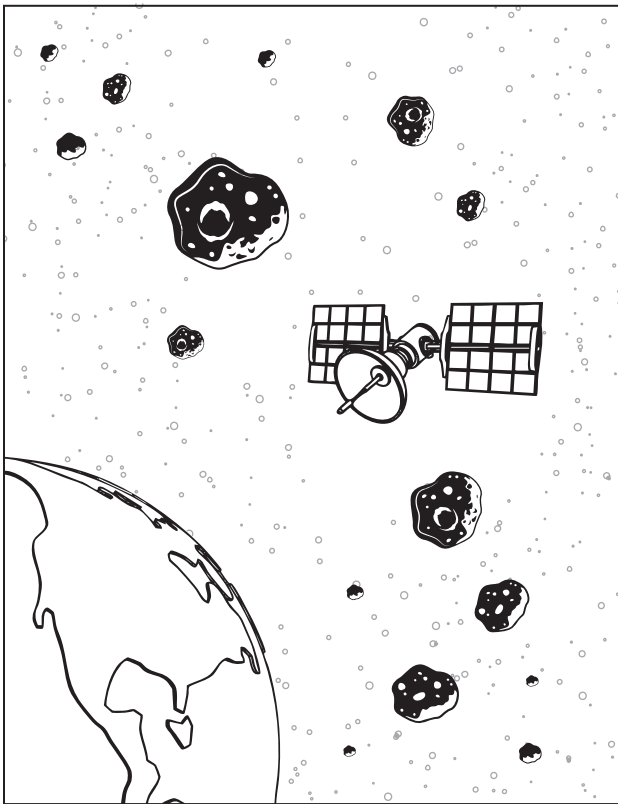
Ice Cap



FIND THE SPACE HAZARDS

Guardians keep track of everything floating around Earth, including old rocket pieces and enemy satellites. Sometimes, the Sun even sends out solar flares, which are kind of like burps of energy. Those flares can damage satellites too.

One of these space scenes has 7 extra space hazards floating around. Circle the differences between the two pictures to identify new hazards.

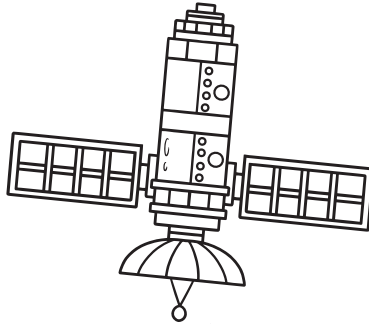


**DID
YOU
KNOW ?**

There are over 54,000 pieces of space debris orbiting Earth — and Guardians use radar and sensors to track them all! This helps keep satellites safe so we can use GPS and cell phones.

MOVE THE SATELLITE

Help the satellite navigate through space without crashing into debris!



Solar Storm

Bully Satellite

Old Booster

Geomagnetic Storm

GUARDIAN IDENTITY

Guardians wear special patches on their uniform to show what team they belong to. Each team has a unique mission. What would your team do?

Design a patch for your Space Force team.

Here are a few real
Space Force patches:



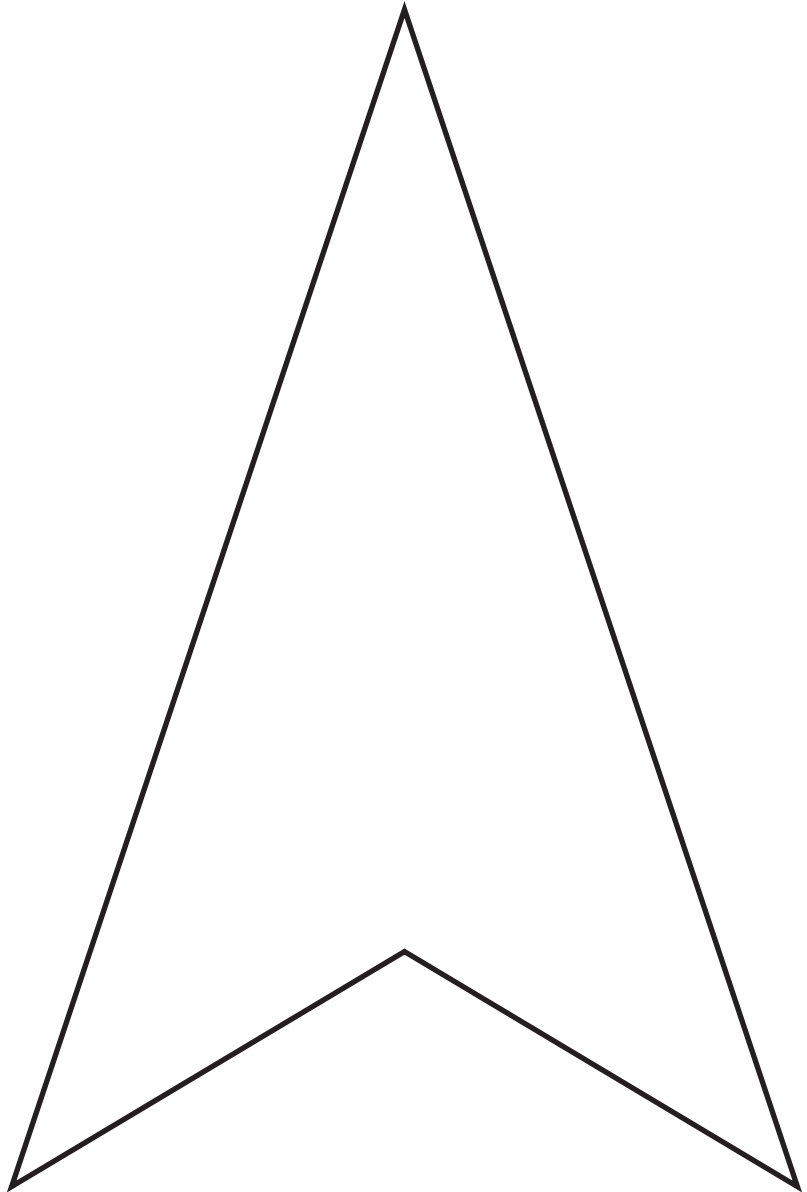
Space Systems
command builds new
space technology.



Space Base Delta
1 is the home base
for many Guardians
around the world.

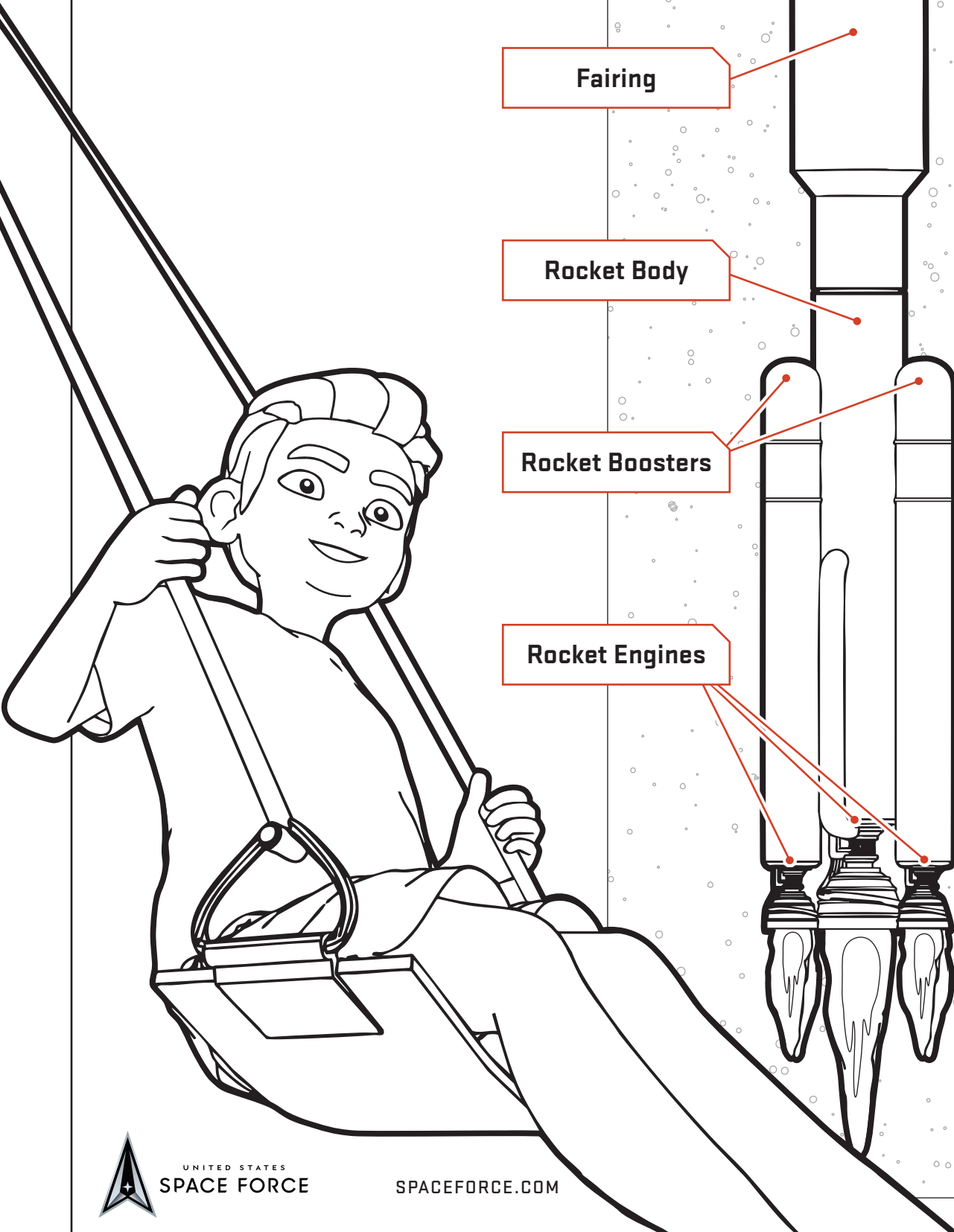


Space Base Delta 5
flies satellites.



LIFTOFF

Color the rocket and all of its parts.



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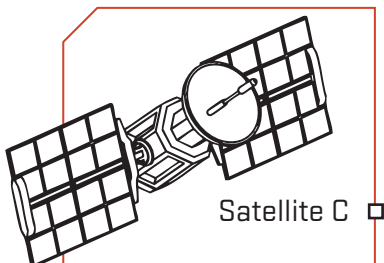
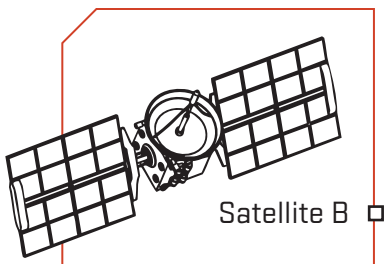
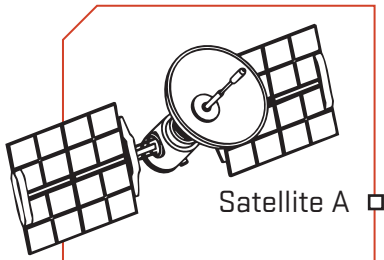
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SATELLITE MIX-UP

Oh no! A few satellites have been moved out of order during a big solar storm. The Guardians need your help to get the satellites back up and running.

Use the clues below to match each satellite to its job.

Satellites



Missions

- ☐ Sends GPS to your phone
- ☐ Watches the Sun for solar flares
- ☐ Tracks space debris near Earth

Clues:

- Satellite B doesn't track the Sun.
- The satellite that tracks space debris is not Satellite A.
- Satellite A sends GPS to your phone.

Did you know?

Guardians use math and reasoning every day to solve problems in space.

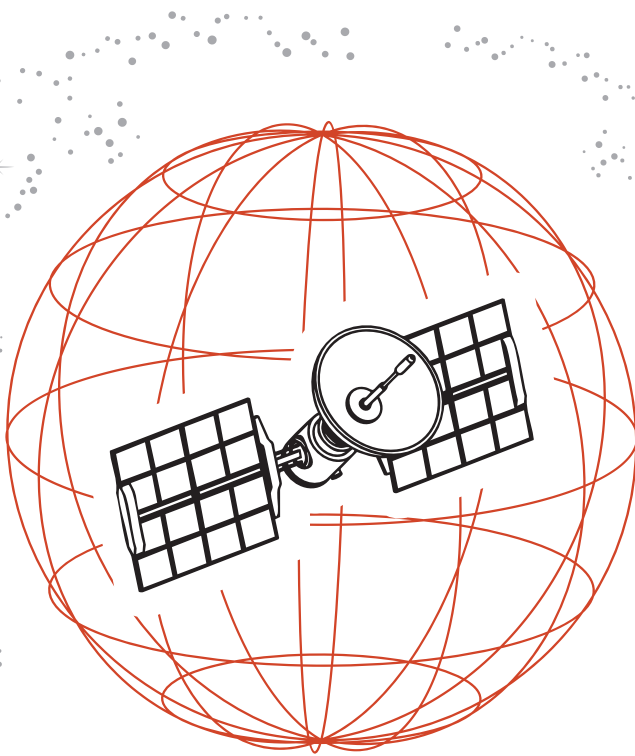
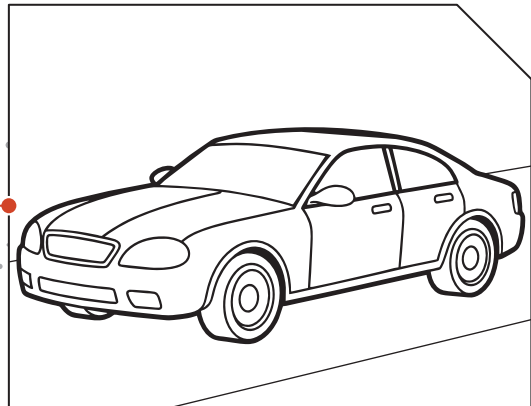
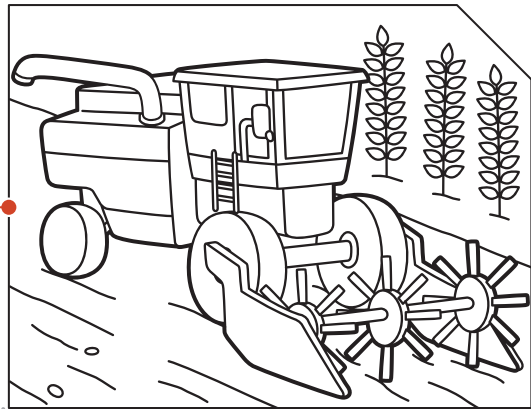
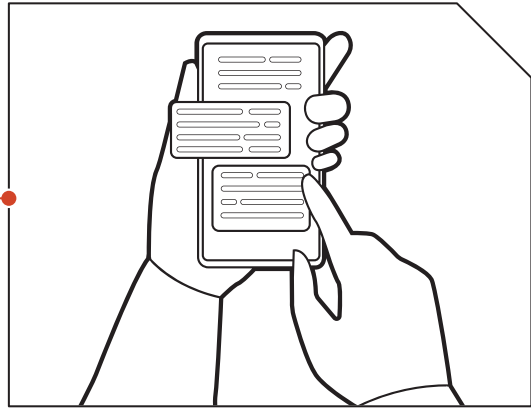


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SPACE GUARDIANS

Guardians defend space from attacks so that our nation can stay safe and continue to prosper. Some enemies try to jam or mess with our signals. That could make it harder for people to stay in touch with family, put gas in the car, or use GPS to find their way. Guardians stop that from happening. They're kind of like lifeguards who always keep an eye out for danger in space.

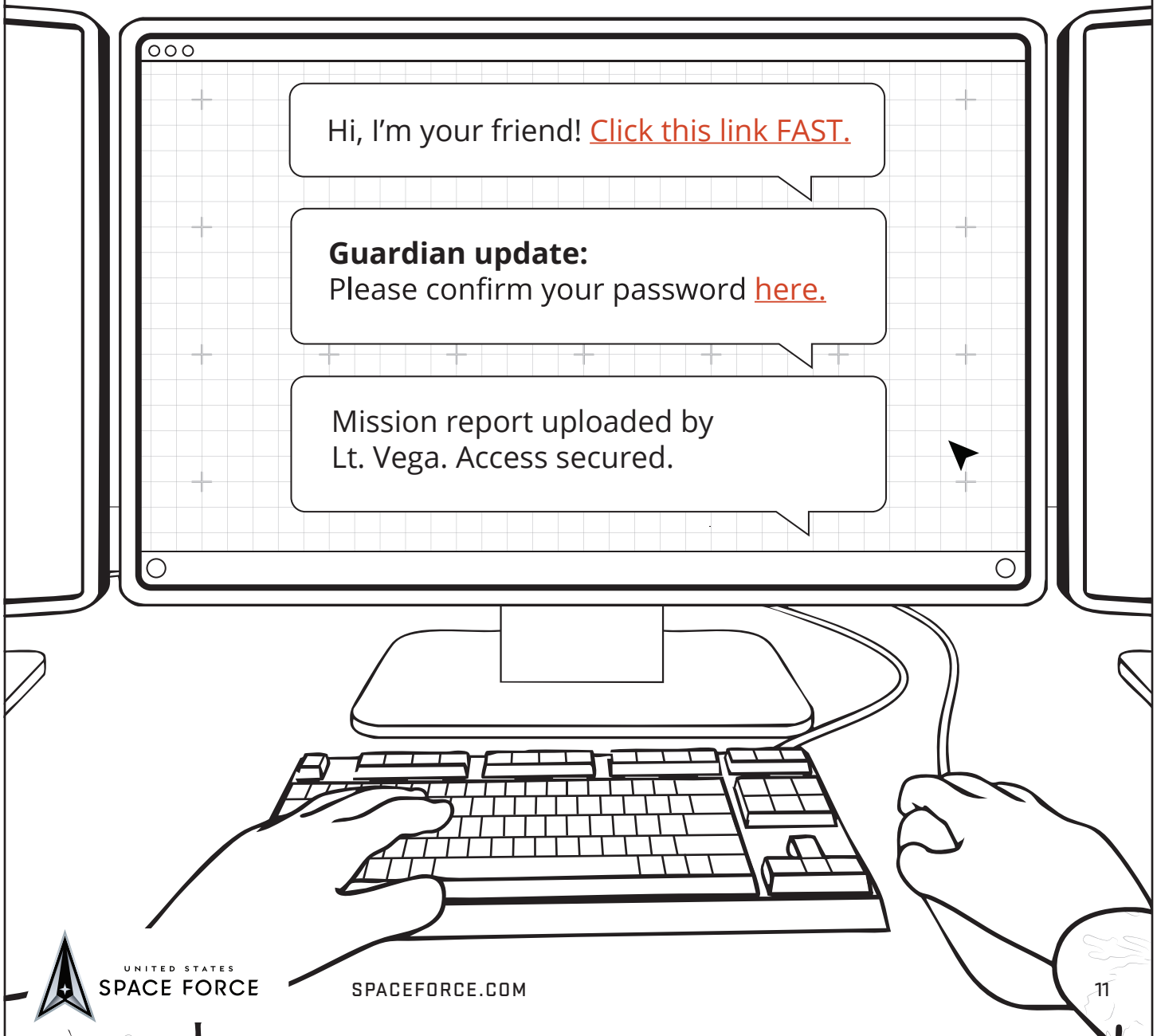


CYBER CLUE HUNT

Cyber Guardians stop satellites from getting hacked. They also need to protect the computers on the ground from sneaky software that tells the computer to shut down or do things we don't want it to do. That's called a cyber attack.

Sometimes your tablets and computers at home face this danger too! You can be safe by not talking to strangers on the Internet and being careful when you get strange links to websites or apps.

Help our Guardians by circling which message they should click.



CYBER SAFETY CODE

If someone you don't know asks you to click a link, send a password, or give private information, it might be a trick. Even if they say they're a friend.

Write your own Guardian Cyber Oath. Here are some ideas:

I won't share my passwords.

I won't click strange links.

I will ask an adult if something seems weird online.

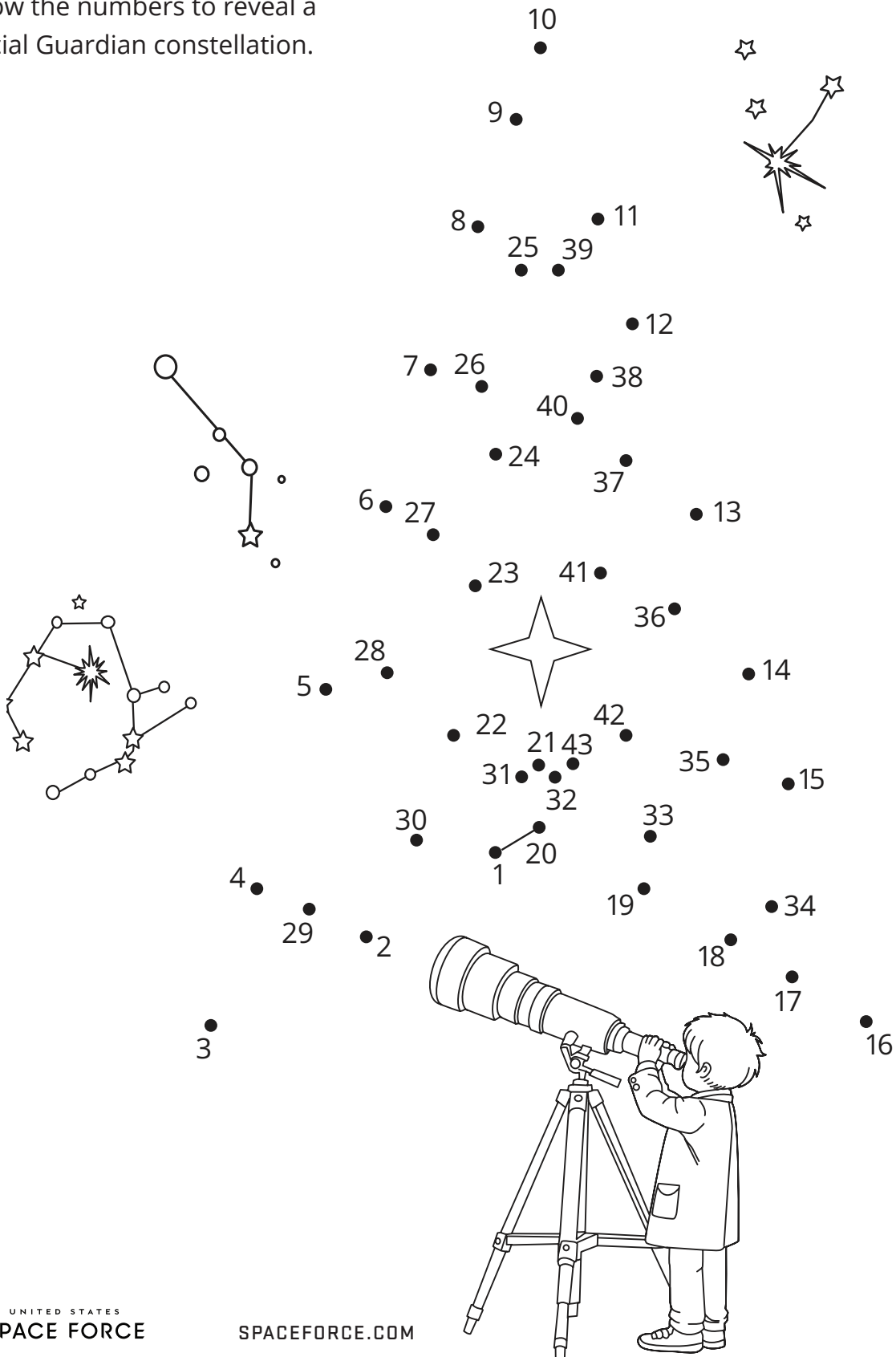
I won't share my address, phone number or school name online.

MY GUARDIAN CYBER OATH



CONSTELLATION CHALLENGE

Follow the numbers to reveal a special Guardian constellation.

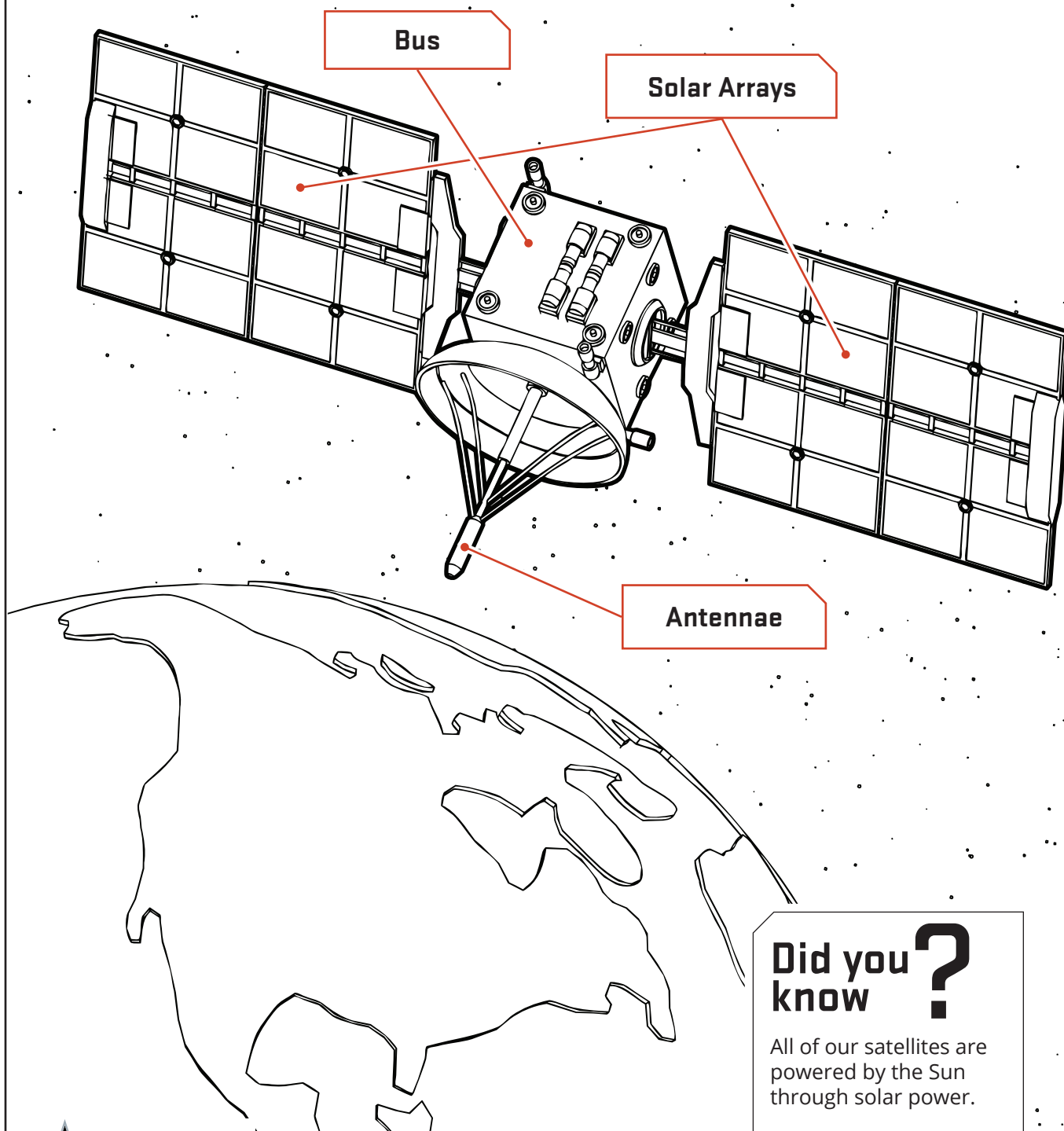


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IN ORBIT

Color the satellite and all its parts.



**Did you
know ?**

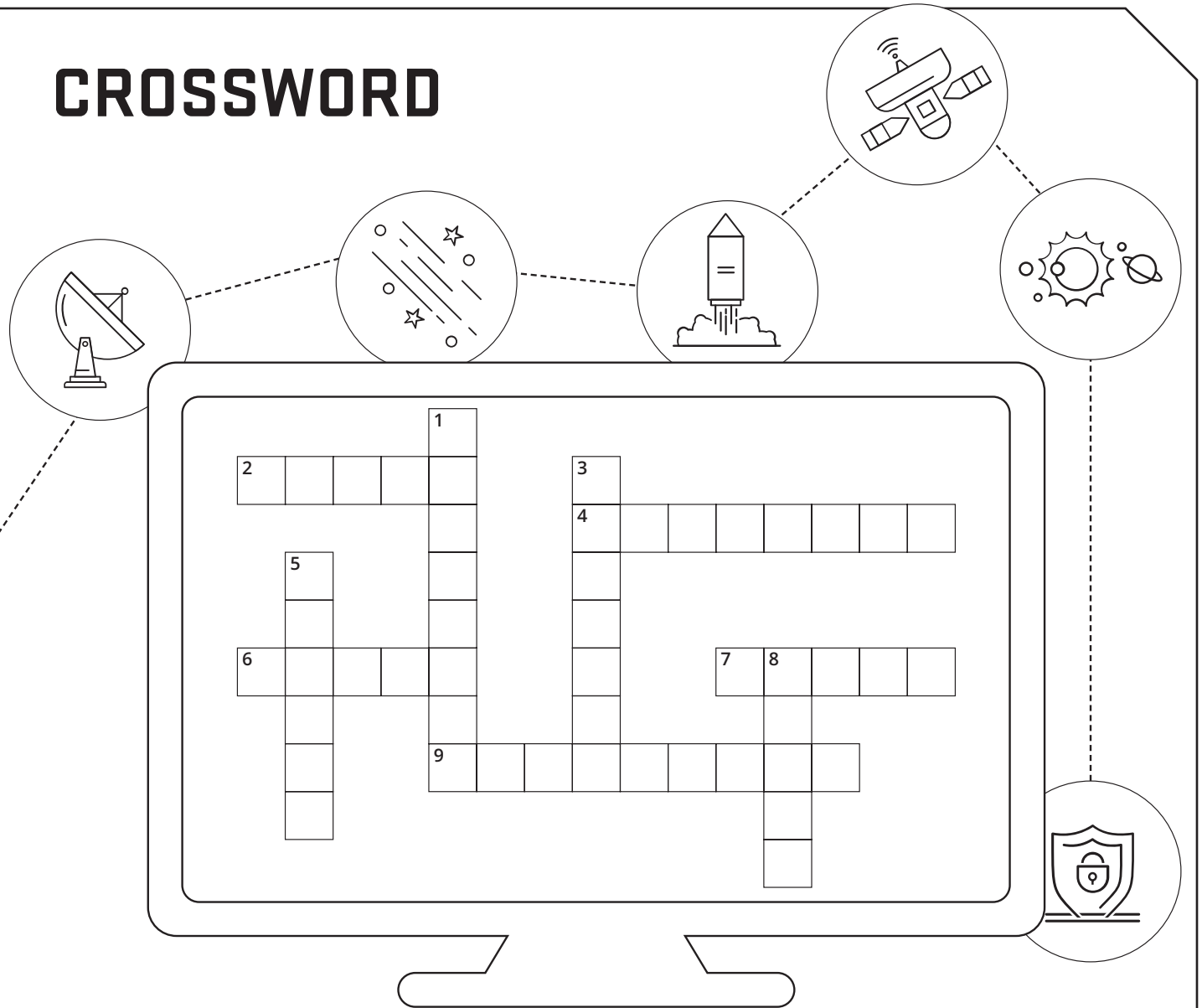
All of our satellites are
powered by the Sun
through solar power.



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CROSSWORD



Down:

1. Guardians use data to solve _____.
3. When these launch, Guardians track them and warn people of any danger.
5. Broken junk floating in space.
8. Guardians wear these on their uniforms to identify their team.

Across:

2. When someone asks you to tell them your password, it could be a _____ attack.
4. Guardians use this camera to "see" hot and cold objects.
6. The Space Force motto means "Always _____."
7. The place where satellites orbit.
9. A machine that sends GPS and TV signals from space.



CERTIFICATE OF ACHIEVEMENT

For successfully completing the training activities.
Welcome to the team Space Force Junior Guardian!

Name

Grade

Date





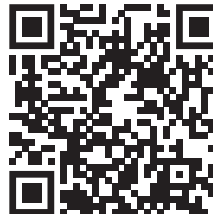
RESOURCES

Take a picture of your child's completion certificate and post it with **#SpaceForceFamily**. Visit a planetarium to watch **Always Above**.

Learn more at
spaceforce.com



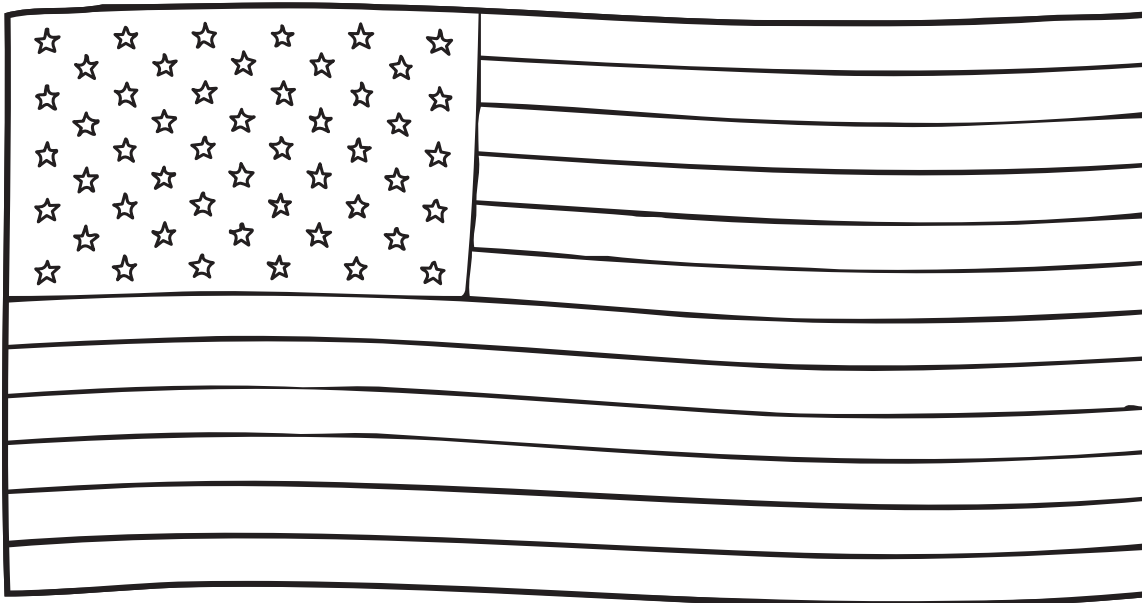
Watch the
Space Force Movie



Read through
Space Force 101



Listen to our
Space Force Song



Contributions by: Carter Belmear, Stacey Brooks, Mike Carabajal, Maj. Bryan Davis, Garrett Jones, Miriam LaRose, Chang Suh, Nicole Tibbetts, Jason Womack



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Answer Key



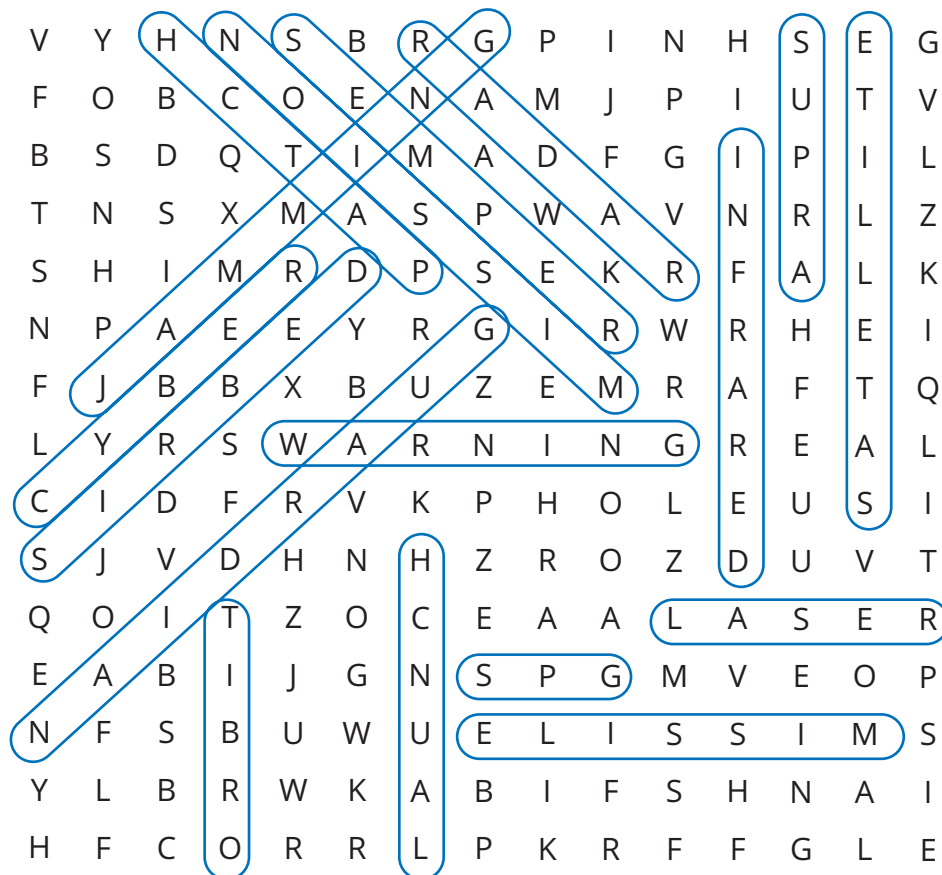
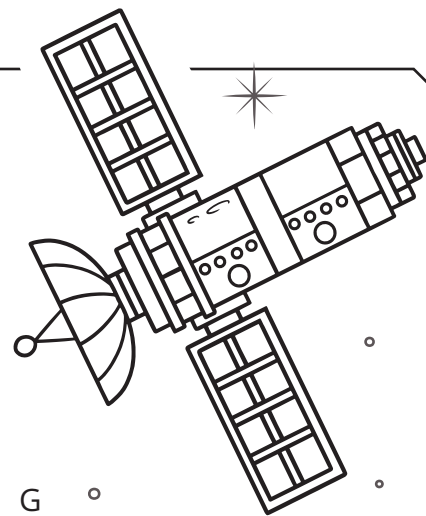
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WORD SEARCH

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CYBER
GUARDIAN
LASER
MISSION
RADAR
DEBRIS

INFRARED
LAUNCH
ORBIT
SATELLITE
WARNING
GPS

JAMMING
MISSILE
PATCH
SEMPER
SUPRA



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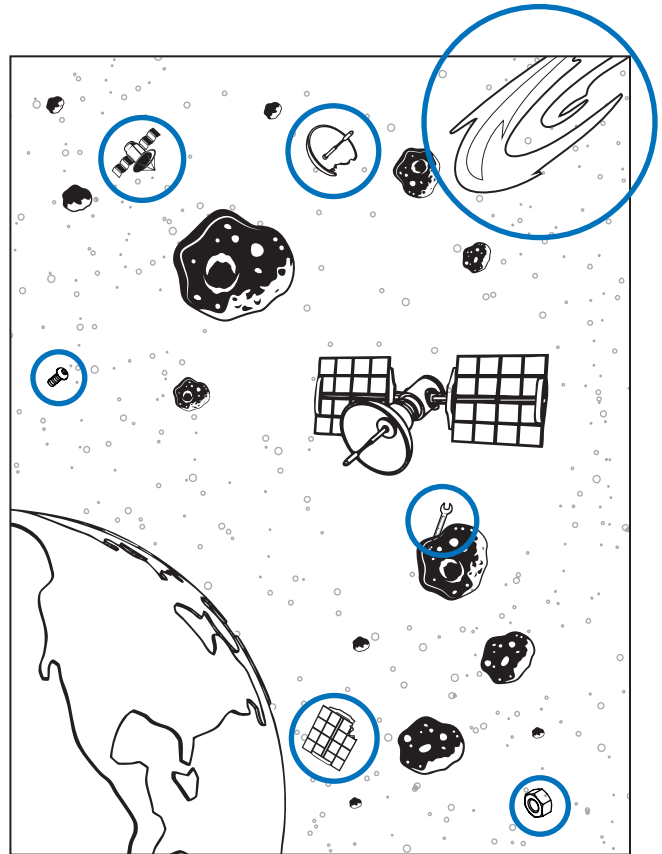
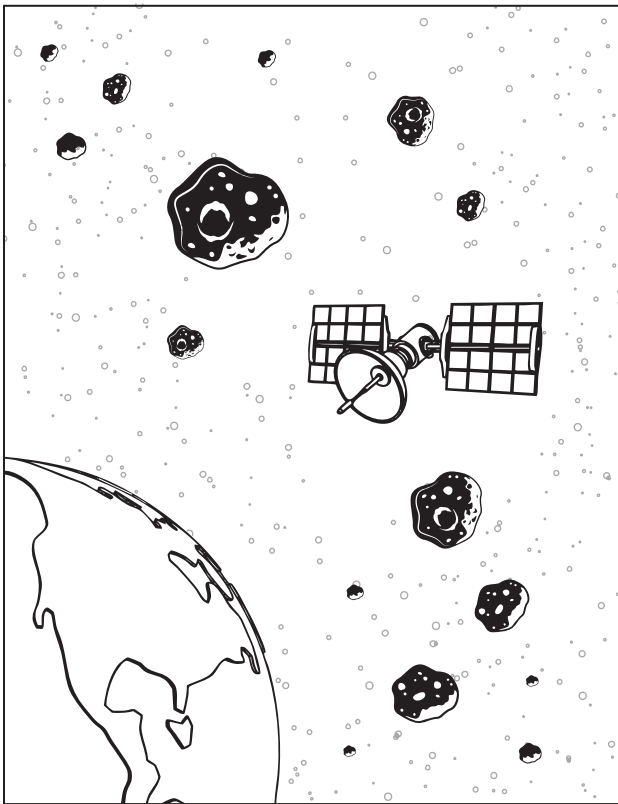
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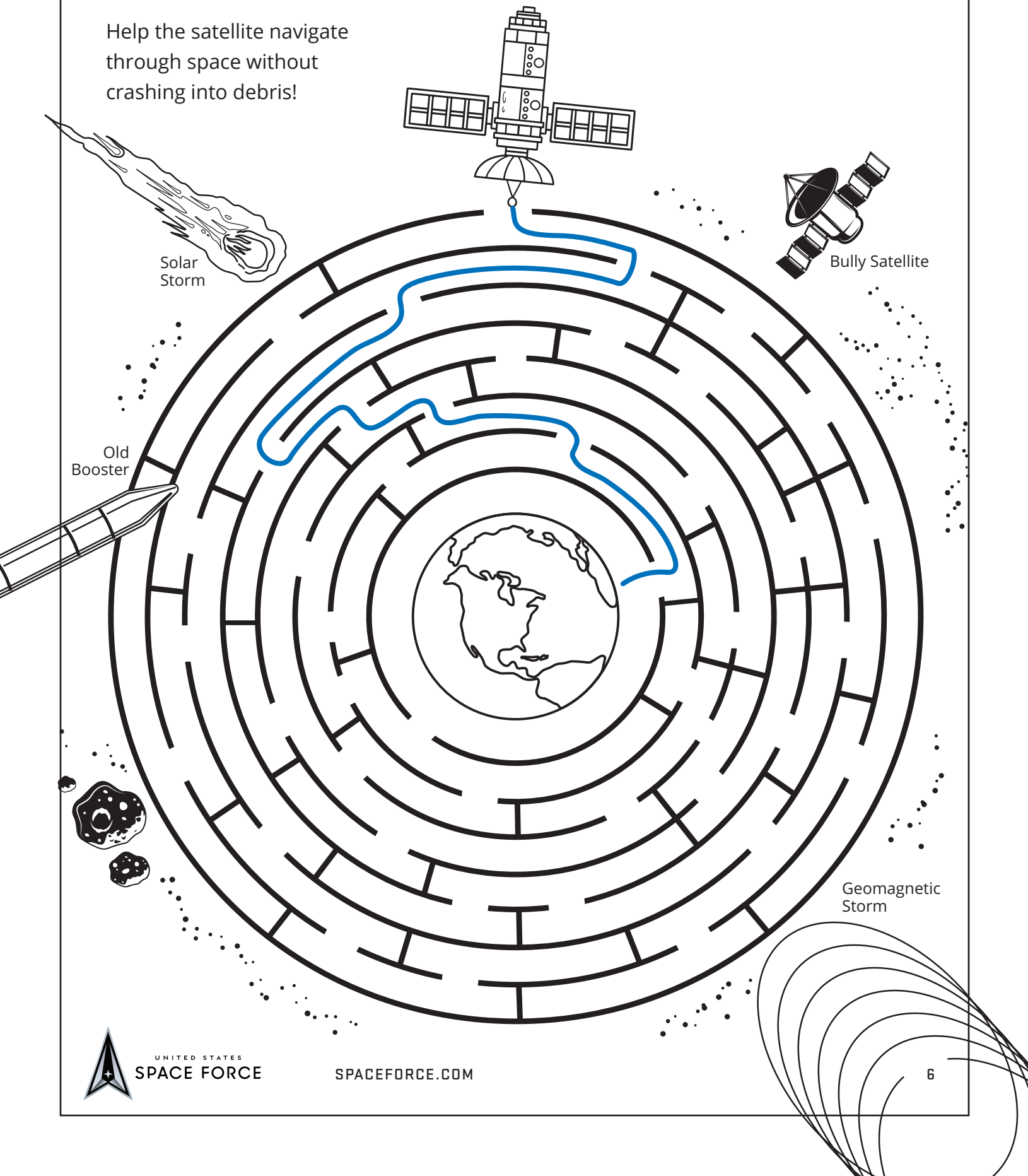
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MOVE THE SATELLITE

ANSWERS

Help the satellite navigate through space without crashing into debris!



SATELLITE MIX-UP

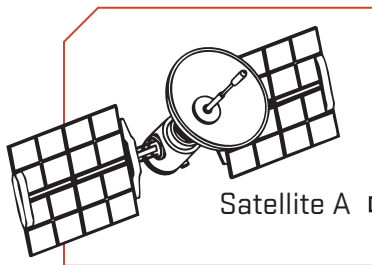
ANSWERS

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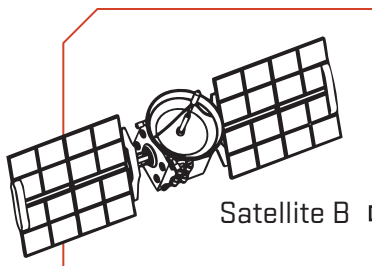
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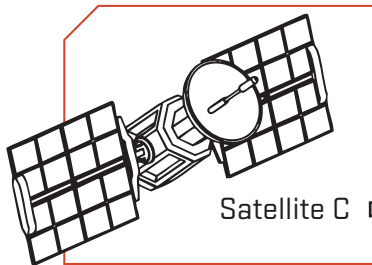
Missions



Satellite A



Satellite B



Satellite C

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Watches the Sun for solar flares

Tracks space debris near Earth

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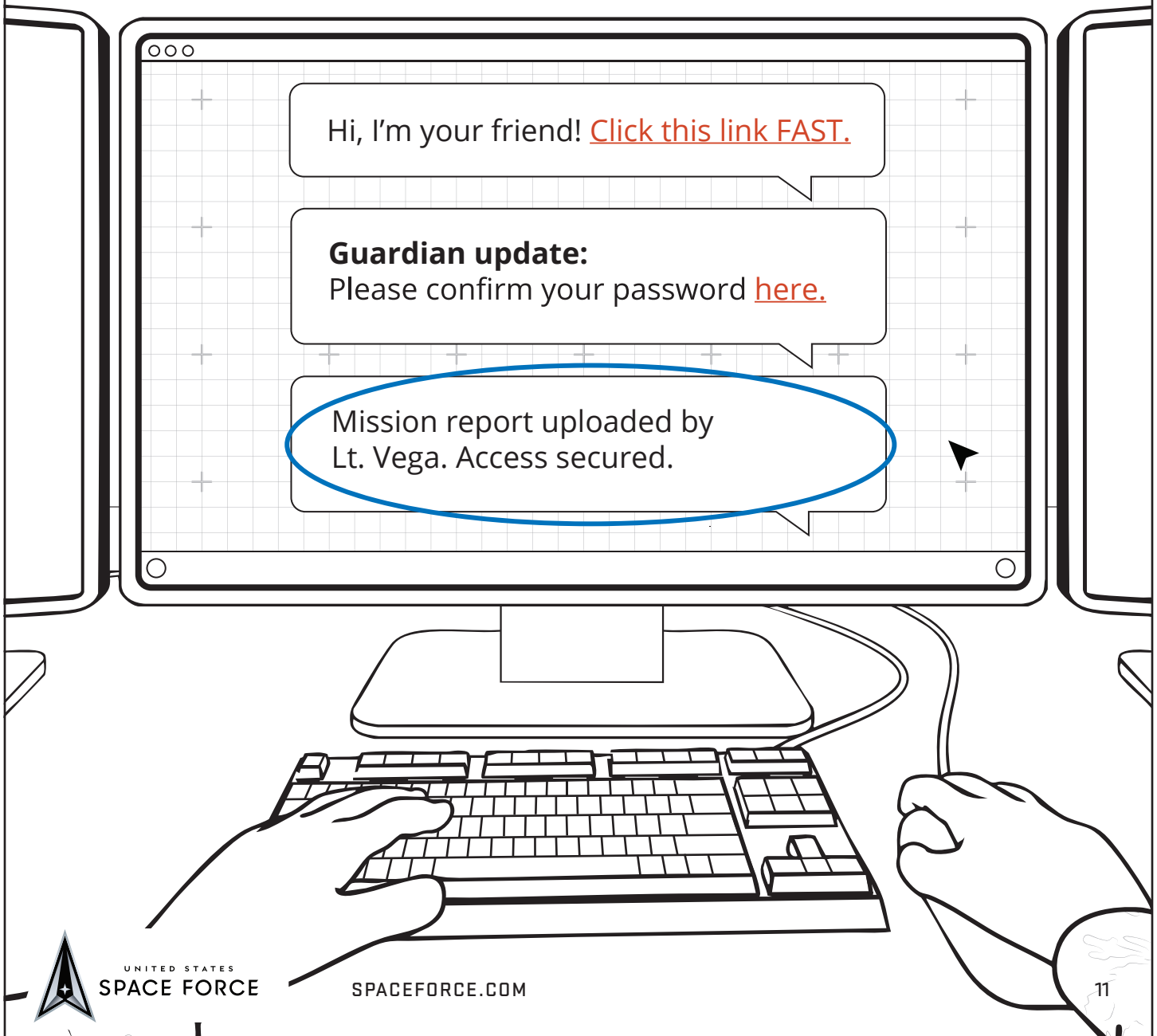
CYBER CLUE HUNT

ANSWERS

Guardians need to protect more than just the satellites in space. They need to protect the computers on the ground from sneaky software that tells the computer to shut down or do things we don't want it to do. That's called a cyber attack.

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