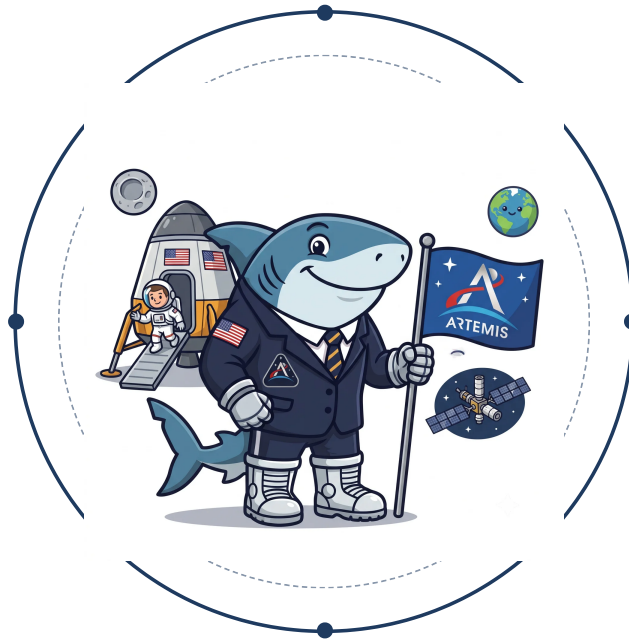


CLASSROOM WORKBOOK



Artemis III Moon Landing

Explore the historic return to the Moon with Artemis III, inspiring a new generation with the first woman and person of color to walk on the lunar surface.

July 21, 2026

Activities

NEW WHAT'S INSIDE?



Artemis III: Back to the Moon!



Understanding Artemis III



Math Problems



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Writing Prompt



Journey to the Moon: A Timeline



Word Search



Space Mission Crossword



Scramble the Stars!



Mystery Riddle



Lunar Code



Draw It!



Space Laughter!



STUDENT INFORMATION

NAME

DATE

CLASS

Get ready for an amazing journey! In 2027, NASA plans to send astronauts back to the Moon with the Artemis III mission. This will be the first time humans have landed on the Moon in 55 years, since the Apollo 17 mission in 1972! 🚀

Artemis III is extra special because, for the very first time, a woman and a person of color are expected to walk on the lunar surface. Two brave astronauts will travel to the Moon's South Pole, a place no human has ever explored before. This region is super important because scientists believe there might be water ice hidden there! Finding water on the Moon could help us build future lunar bases. 💧

To get there, astronauts will blast off from Earth using NASA's giant Space Launch System (SLS) rocket. They will ride inside the Orion spacecraft, which will take them into orbit around the Moon. Once they are circling the Moon, they will transfer to a special Human Landing System called Starship, built by SpaceX. This Starship will carefully carry them down to the Moon's South Pole.

The whole trip, from launch to returning home, is expected to last about 30 days. This mission continues the legacy of the Apollo program, which first landed 12 astronauts on the Moon between 1969 and 1972. Artemis III is a giant leap for humanity, helping us learn more about our nearest neighbor in space and paving the way for even bigger adventures!

240 words



Understanding Artemis III

Artemis III Moon Landing

Answer each question using complete sentences.

1. When is the Artemis III mission planned to land on the Moon?

2. What makes the Artemis III mission especially unique in terms of who will walk on the Moon?

3. Which rocket will launch the astronauts from Earth, and what spacecraft will carry them to lunar orbit?

4. What is the main scientific goal of the Artemis III mission at the Moon's South Pole?

5. How long is the entire Artemis III mission expected to last?



Solve each problem. Show your work in the space provided.

1. Artemis III is planned for 2027. The last Apollo mission was in 1972. How many years will have passed between the last Apollo landing and Artemis III?

Answer: _____

2. The Moon is about 238,900 miles from Earth. If the Orion spacecraft has traveled 125,000 miles so far, how many more miles does it need to travel to reach the Moon?

Answer: _____

3. The Orion capsule will hold a total of four crew members in orbit around the Moon. If two astronauts will walk on the Moon's surface, how many crew members will stay in the Orion capsule in orbit?

Answer: _____

4. The Apollo program landed 12 different astronauts on the Moon. Artemis III plans to land 2 astronauts. How many fewer astronauts will land on Artemis III compared to the total number of Apollo astronauts?

Answer: _____



Comparing Key Moon Landing Missions

Artemis III Moon Landing

Mission	Year	Crew Size	Landing Site	Key Fact
Apollo 11	1969	2	Sea of Tranquility	First humans on Moon
Apollo 17	1972	2	Taurus-Littrow Valley	Last Apollo mission
Artemis III	2027 (planned)	2	Moon's South Pole	First woman and person of color

Use the table to answer these questions.

1. Which mission was the first to land humans on the Moon?

2. How many astronauts landed during the Apollo 17 mission?

3. What is a key fact about the planned Artemis III mission?



Writing Prompt

Artemis III Moon Landing

Imagine you are one of the astronauts chosen for the Artemis III mission. Describe what you would see, feel, and hope to discover during your journey to the Moon's South Pole.





Journey to the Moon: A Timeline

Artemis III Moon Landing

These events are out of order. Number them 1, 2, 3... in the box to show the correct chronological order.

?

Artemis I, an uncrewed test flight, successfully orbits the Moon and returns to Earth.

?

Artemis III is planned to land the first woman and first person of color on the Moon's South Pole.

?

Apollo 17 completes the last crewed Moon landing, with astronauts Gene Cernan and Harrison Schmitt.

?

Apollo 11 mission lands on the Moon, with Neil Armstrong becoming the first human to walk on the lunar surface.

?

Artemis II is planned as a crewed test flight to orbit the Moon, but not land.

?

NASA officially announces the Artemis program, aiming to return humans to the Moon.

Find and circle all the hidden words in the grid.

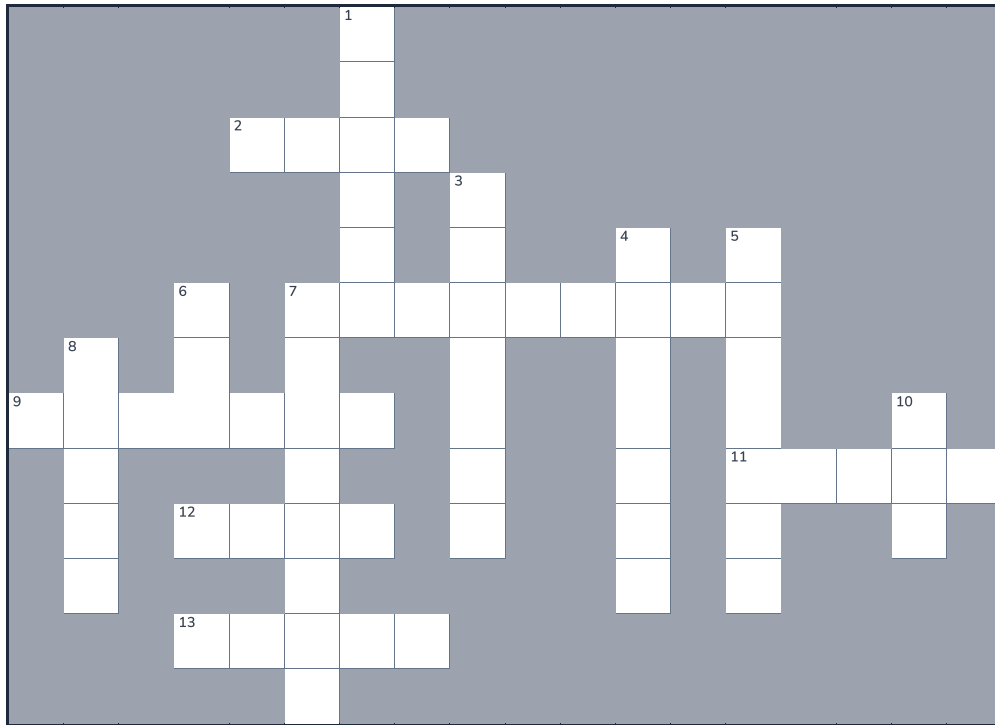
M	A	P	O	L	L	O	T	N	A	M	W	P	Q
R	A	N	U	L	S	U	A	I	O	Y	I	A	E
C	U	D	T	U	F	R	S	O	B	H	K	Y	L
Y	U	W	R	E	T	H	N	F	S	R	D	Q	G
R	R	Y	W	E	K	G	O	R	C	E	O	H	A
R	U	Z	M	L	D	C	A	U	N	H	V	E	E
S	G	I	B	O	D	T	O	N	S	X	D	P	A
D	S	E	Y	P	S	X	E	R	T	T	H	V	N
H	H	W	D	H	X	K	X	X	M	L	O	D	O
T	L	A	C	T	R	A	C	F	E	Z	Z	N	I
R	C	H	N	U	X	G	A	T	E	W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

FIND THESE WORDS

NASA ARTEMIS ORION STARSHIP MOON EARTH SOUTHPOLE APOLLO GATEWAY KENNEDY HOUSTON
EAGLE LUNAR ORBIT ROCKET



Fill in the crossword using the clues below.



ACROSS

- 2. Celestial body Artemis III will visit
- 7. The part of the Moon targeted for landing
- 9. Planned lunar outpost for future missions
- 11. Lunar module for Apollo 11
- 12. Space agency leading the Artemis program
- 13. Crew capsule for Artemis missions

DOWN

- 1. Program for the first Moon landings
- 3. The name of the program to return to the Moon
- 4. City of NASA's Mission Control Center
- 5. Space center for rocket launches in Florida
- 6. Resource sought at the lunar poles
- 7. The lunar landing craft for Artemis III
- 8. Our home planet
- 10. NASA's powerful rocket for deep space missions





Unscramble each word. Write the correct spelling on the line.

1. ASNA

2. OIRNO

3. STRASIPH

4. OOMN

5. OLPALO

6. AWEYGAT

7. KDYENNE

8. UTSOHON



Mystery Riddle

Artemis III Moon Landing

I am a journey back to space, a mission with a special grace. I'll bring new footsteps to the lunar ground, where ancient ice might soon be found. What am I?

Use these clues:

1. I am planned for 2027.
2. I will take a woman and a person of color to the Moon.
3. My goal is to explore the Moon's South Pole for water ice.

My answer: _____



Use the key below to decode each secret message. Write the letters on the blank lines.

KEY:

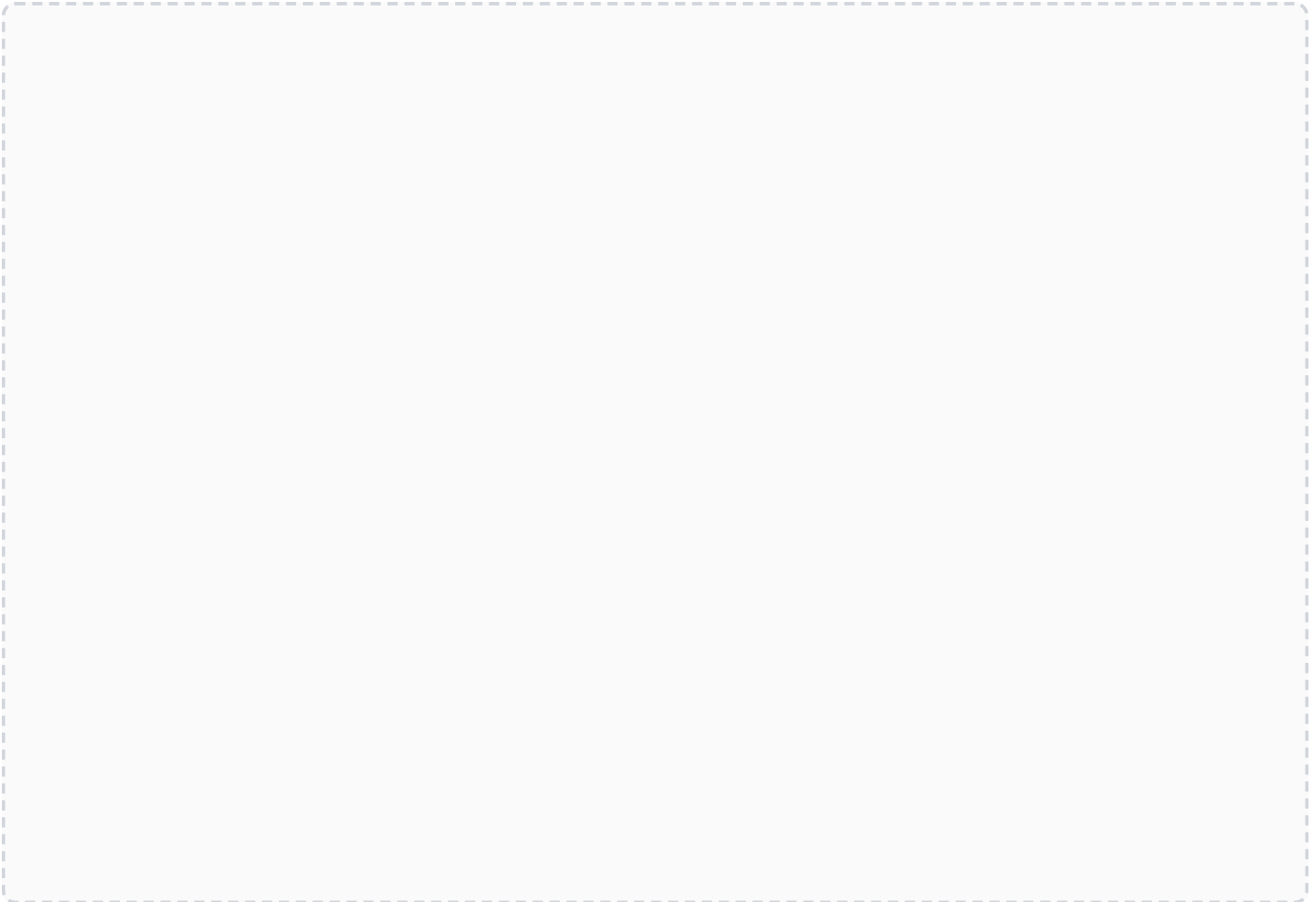
A=X B=Y C=Z D=A E=B F=C G=D H=E I=F J=G K=H L=I M=J N=K O=L P=M Q=N R=O S=P T=Q U=R V=S W=T X=U Y=V Z=W

ZH ZLOO UHWXUQ WR WKH PRRQ

Decoded message:

Draw the Artemis III Human Landing System (Starship) on the Moon's South Pole, with two astronauts exploring the lunar surface. Show the Earth in the sky and a deep lunar crater nearby.

 Label these parts: Starship Lander, Astronaut, Moon's Surface, Earth, Lunar Crater, American Flag.



Share a laugh! Read each joke aloud.

🤔 Why did the sun go to school?

😊 To get brighter!

🤔 What do you call a lazy kangaroo in space?

😊 Pouch potato!

🤔 How do you know when the Moon has had enough to eat?

😊 When it's full!



Check Your Answers Online!

Scan the QR code or visit the link below to check your answers and find more fun activities on Shark Learning.



sharklearning.com/workbook/2026-07-21-artemis-iii-moon-landing

or scan the QR code above

 Keep practising — great things take time! ★