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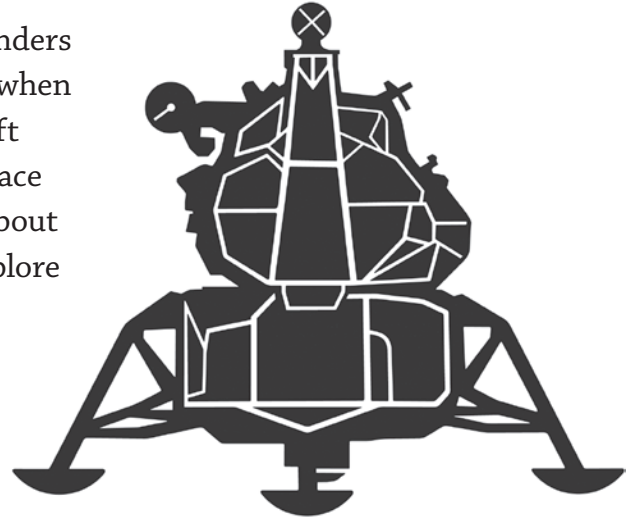
Name: _____ Date: _____

Moon Landing

For centuries, people have dreamed of exploring the wonders of space. In the mid-1900's, these dreams were realized when advances in technology allowed people to send spacecraft into space. To this day, the moon is the only object in space that people have ever visited. How much do you know about the first moon landing? Launch off on a webquest to explore the first moon landing and find out!

First, log onto **www.worldbookonline.com**

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Find It!

Find the answers to the questions below by using the "Search" tool to search key words. You can start this activity by searching the key word "Apollo" and learning about the space program that carried people to the moon.

Write the answers on the lines provided or below the question.

1. How many astronauts landed on the moon during the Apollo program?

2. What rocket was used by the Apollo program?

3. During the Apollo program, the astronauts collected a total of about _____ pounds
(_____ kilograms) of rocks and other samples.

4. What disaster happened on January 27, 1967?

5. The _____ module was built to take two of the astronauts to the moon's surface.

6. Answer these questions about the first moon landing:

a. Apollo mission which first landed on the moon _____

b. Date astronauts first stepped on the moon _____

c. First 2 astronauts to step on the moon _____ and

d. Name of the flat area on the moon where the astronauts set down _____

e. Astronaut who stayed aboard the command module _____

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Space exploration

Go to the "Space exploration" article and answer these questions.

7. Large, heavy spacecraft need a powerful _____ to launch them.

8. In the middle of World Book's "Space exploration" article there are a few paragraphs about how astronauts live in space. Write one thing from those paragraphs that you thought was interesting.

9. How long can a space suit keep an astronaut alive?

10. Who was the first human being to travel in space?



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Apollo II Astronauts

There were three astronauts on the Apollo 11 mission to the moon. Look up World Book's article on each astronaut and, in the boxes below, write a short piece of new information you learned about each one.

11. One new fact about Neil Armstrong

12. One new fact about Buzz Aldrin

13. One new fact about Michael Collins

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The Moon: True or False

Go to the "Moon" article. Write "True" if the statement about the moon is correct. If the statement is not correct, write "False" and correct the statement in the space below.

_____ 14. The moon's sky is always black, even in the daytime, and the stars are always visible.

_____ 15. The force of gravity on the moon is weaker than gravity on Earth.

_____ 16. The moon is about the same size as the sun.

_____ 17. The moon has many big, bowl-shaped holes called craters.

_____ 18. Earth is the only planet with a moon.



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What's the Word?

Questions 19-29. Find the words hidden within the puzzle from the list below. The words may be spelled out vertically (up and down), horizontally (across), or diagonally (slanted). Also, the words may be spelled in the right order, or they may be spelled backwards.

APOLLO	C	K	V	H	G	S	Y	F	B	B	H	Q	T	K	K	L	A	F
ASTRONAUT	F	P	W	T	Q	N	R	R	U	S	I	V	H	G	J	K	J	N
BUZZ ALDRIN	F	T	K	B	J	I	T	Y	Z	U	P	N	X	B	P	Z	O	E
CRATER	Y	Y	N	L	W	L	U	F	Z	E	W	F	C	C	T	Y	V	I
EARTH	V	T	E	C	N	L	A	Y	A	Y	C	J	X	K	N	B	V	L
LUNAR MODULE	R	E	D	L	P	O	N	A	L	O	N	A	X	H	B	A	M	A
MICHAEL COLLINS	R	J	E	U	L	C	O	K	D	E	J	H	P	D	X	X	T	R
MOON	S	E	Y	N	Q	L	R	Y	R	I	N	M	I	S	L	W	A	M
NEIL ARMSTRONG	E	G	S	A	F	E	T	G	I	G	U	O	O	O	I	B	W	S
ROCKET	B	O	I	R	D	A	S	I	N	D	J	N	O	V	E	E	V	T
SPACE	Z	Z	N	M	H	H	A	T	R	X	Y	Y	Y	M	Q	D	N	R
	J	G	K	O	M	C	S	H	M	Z	V	P	Y	K	O	F	S	O
	U	E	O	D	P	I	N	V	H	B	R	E	T	A	R	C	X	N
	Q	T	W	U	P	M	N	T	E	A	P	O	L	L	O	L	J	G
	R	K	A	L	B	J	R	O	C	K	E	T	G	G	D	H	K	I
	B	E	F	E	A	A	H	Z	M	V	K	Q	P	K	G	N	J	D
	H	W	H	S	E	O	L	F	R	Z	A	I	C	R	V	Z	C	Q
	Y	M	Y	A	N	H	W	Q	T	O	U	N	Y	D	R	W	F	J

Read more about space exploration and the moon by visiting World Book's eBook collection:

Earth and Earth's Moon. Chicago: World Book, 2013. Explore the Solar System. *World eBook Web*. 11 Jan. 2019.
<<http://www.worldbookonline.com/wb/ebooks/mall/instit/catalog/urn:ISBN:978-0-7166-1893-5/detail.do>>.

Human Space Exploration. Chicago: World Book, 2013. Explore the Solar System. *World eBook Web*. 11 Jan. 2019.
<<http://www.worldbookonline.com/wb/ebooks/mall/instit/catalog/urn:ISBN:978-0-7166-1896-6/detail.do>>.

Space Exploration. Chicago: World Book, 2014. A Look At ... *World eBook Web*. 11 Jan. 2019.
<<http://www.worldbookonline.com/wb/ebooks/mall/instit/catalog/urn:ISBN:978-0-7166-3326-6/detail.do>>.

Teacher Page

Answers

1. A total of 12 astronauts landed on the moon during the Apollo program.
2. The Saturn V rocket was used by the Apollo program.
3. During the Apollo program, the astronauts collected a total of about 842 pounds (382 kilograms) of rocks and other samples.
4. On January 27, 1967, a fire occurred during a launch pad test, killing 3 astronauts.
5. The lunar module was built to take two of the astronauts to the moon's surface.
6.
 - a. Apollo 11
 - b. July 20, 1969
 - c. Neil Armstrong and Buzz Aldrin
 - d. Sea of Tranquility
 - e. Michael Collins
7. Large, heavy spacecraft need a powerful booster rocket to launch them.
8. Answers will vary.
9. A space suit can keep an astronaut alive for six to eight hours.
10. Yuri Gagarin was the first human being to travel in space.
11. Answers will vary.
12. Answers will vary.
13. Answers will vary.
14. True.
15. True.
16. False. The moon is about 400 times smaller than the sun.
17. True.
18. False. Earth is not the only planet with a moon. Some of the other planets have moons, too.

19-29. Word Search Solution:

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