The Curator’s Coloring and Activity Book
The Moon

Man left the planet Earth in 1969 to fly to its nearest neighbor, the Moon. The United States made six manned landings on the Moon during the Apollo program. Apollo flights proved that man could leave his earthly home with its friendly and protective atmosphere to travel out toward the stars and explore other parts of the solar system.

When the astronauts landed on the Moon, they were to observe, photograph, set-up equipment and collect samples.

During the six Apollo landings, a total of 842 pounds of Moon rocks were collected and returned to Earth. Some of the rock samples are being studied by scientists today to unlock some of the Moon’s secrets.
Moon Find-A-Word

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

Mare
Basalt
Moon
Orbit
Earth
Sun
Age

Sea
Rock
Lunar
Solar
Satellite
Planet
A scientist examining moon rock under a microscope.
Moon Crossword

ACROSS
1. Space traveler. __________
5. Site of lunar landing on Apollo 12 - Ocean of __________
7. Returning into the Earth’s atmosphere. __________
10. Site of lunar landing on Apollo 11 - Sea of __________
13. The car driven on the Moon was called the lunar __________
14. Name given to the lunar module on Apollo 10. __________

DOWN
1. The first man to walk on the Moon. __________
2. Path an object takes as it revolves around another; such as the Moon around the Earth. __________
3. Name of the space program designed to put mankind on the Moon. __________
4. Number of astronauts that could travel in an Apollo capsule. __________
6. Astronaut on Apollo 16. __________
8. Planet on which we live. __________
9. The part of the spacecraft that lands on the Moon is the __________
10. Astronaut on both Apollo 10 and 16. __________
12. The Apollo program was designed to put humans on the __________
ACROSS

3. The Moon’s ____________ is at least 4.6 billion years.
4. There are 32 _______________ in our solar system.
6. The Moon orbits the Earth from west to ________________.
8. The Moon is the _______________ natural satellite.
10. Some lunar rocks will _______________ when exposed to water.
13. Rocks on the Moon undergo great _______________ when hit by meteorites.

DOWN

1. There are _______________ planets in our solar system.
2. _______________ is a lunar volcanic rock.
5. The abbreviation for north east is _______________.
7. There is no _______________ on the Moon.
9. The Latin name for the sun is _______________.
A scientist looking at cosmic dust.
A scientist examining a meteorite.
Meteorites are collected in Antarctica.
Someday we hope to explore the moons of other planets.
## Apollo Flight Log

<table>
<thead>
<tr>
<th>Mission</th>
<th>Dates</th>
<th>Crew</th>
<th>Time in Space</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>Apollo 1</td>
<td>Jan. 27, 1967</td>
<td>Virgil I. Grissom, Edward H. White, II, Roger Chaffee</td>
<td></td>
<td>Accidental fire during ground test took the astronauts’ lives</td>
</tr>
<tr>
<td>Apollo 7</td>
<td>Oct. 11-22, 1968</td>
<td>Walter M. Schirra, Donn Eisele, Walter Cunningham</td>
<td>260:8:45</td>
<td>163 revolutions</td>
</tr>
<tr>
<td>Apollo 8</td>
<td>Dec. 21-27, 1968</td>
<td>Frank Borman, James A. Lovell, Jr., William Anders</td>
<td>147:00:11</td>
<td>10 revolutions of the Moon</td>
</tr>
<tr>
<td>Apollo 9 (Gumdrop &amp; Spider)</td>
<td>Mar. 3-13, 1969</td>
<td>James A. McDivitt, David R. Scott, Russell L. Schweickart</td>
<td>241:00:53</td>
<td>151 revolutions of the Earth</td>
</tr>
<tr>
<td>Apollo 10 (Charlie Brown &amp; Snoopy)</td>
<td>May 18-26, 1969</td>
<td>Thomas P. Stafford, John W. Young, Eugene A. Cernan</td>
<td>192:03:23</td>
<td>31 revolutions of the Moon</td>
</tr>
<tr>
<td>Apollo 13 (Odyssey &amp; Aquarius)</td>
<td>April 11-17, 1970</td>
<td>James A. Lovell, Jr., Fred W. Haise, Jr., John L. Swigert, Jr.</td>
<td>142:54:41</td>
<td>Planned lunar landing aborted after oxygen tank rupture</td>
</tr>
<tr>
<td>Apollo 14 (Kitty Hawk &amp; Antares)</td>
<td>Jan. 31 - Feb. 9, 1971</td>
<td>Alan B. Shepard, Stuart A. Roosa, Edgar D. Mitchell</td>
<td>216:42:01</td>
<td>Third lunar landing: Fra Mauro; 2 EVAs total 9 hrs. 25 min., returned 98 lbs. lunar material</td>
</tr>
<tr>
<td>Apollo 16 (Casper &amp; Orion)</td>
<td>April 16-27, 1972</td>
<td>John W. Young, Thomas K. Mattingly, Charles M. Duke, Jr.</td>
<td>265:51:06</td>
<td>Fifth lunar landing: Descartes highlands; 3 surface EVAs totaling 20 hrs. 14 min., returned 210 lbs. samples</td>
</tr>
</tbody>
</table>
Apollo Questions

Use the Apollo Flight Log to help find the answers to these questions.

1. Which astronauts were in space on Christmas? ____________________, ___________________ and ___________________.

2. How many more pounds of lunar material were returned on Apollo 15 than Apollo 14? ______________________

3. How many pounds of lunar material were returned from Apollo 12 and 14 together? ______________________

4. Which single mission returned that exact amount of lunar material? ______________

5. Which astronauts flew on more than one Apollo mission? ___________________, ___________________, and ___________________.

6. How much time was spent on EVAs on Apollo 16 and 17 together? ______________________

7. Which recovery ships were used for more than one Apollo mission? ________________ and ________________

8. In which year were the most Apollo missions launched? ___________________

9. What was the total amount of lunar material returned from the Apollo missions? ______________________

10. Which astronauts were killed in an accidental fire? ____________________, ____________________, and ____________________.

11. What space ship was nicknamed “Charlie Brown and Snoopy”? __________________

12. How many astronauts have orbited the moon? ______________________

13. Why did the Apollo 13 astronauts not walk on the moon? ______________________

____________________________
Find-A-Word Puzzle

Find the following hidden words. They may be horizontal, vertical or diagonal, forward or reverse.

1. Achondrite  A J A E N M I E L S I E N M Z I T E
3. Arizona  W H H I A R K W I N F I R E D O L F
5. Chondrite  D U C D B A N A N L P O D L I E N I
6. Chondrule  M T R N A T R O N N O R I Y N R T O
7. Comet  A E O O F R T N O Z A N R A D O H R
8. Crater  N N L H I S R E T A R C D O A E M O
11. Iron  A C C E B E C R R I T M I B E M E E
13. Meteorite  T A N R L A S T E R O I D C N E M O
14. Meteoriod  E N R O L N N G H R A R O B O T H O
16. Oriented  O T A P T B O E T N E N Z E T I R D
17. Pallasite  L O R S E R C H O N D R I T E T E S
18. Stony  R O U C K A E I L E E S T E O C S Y