

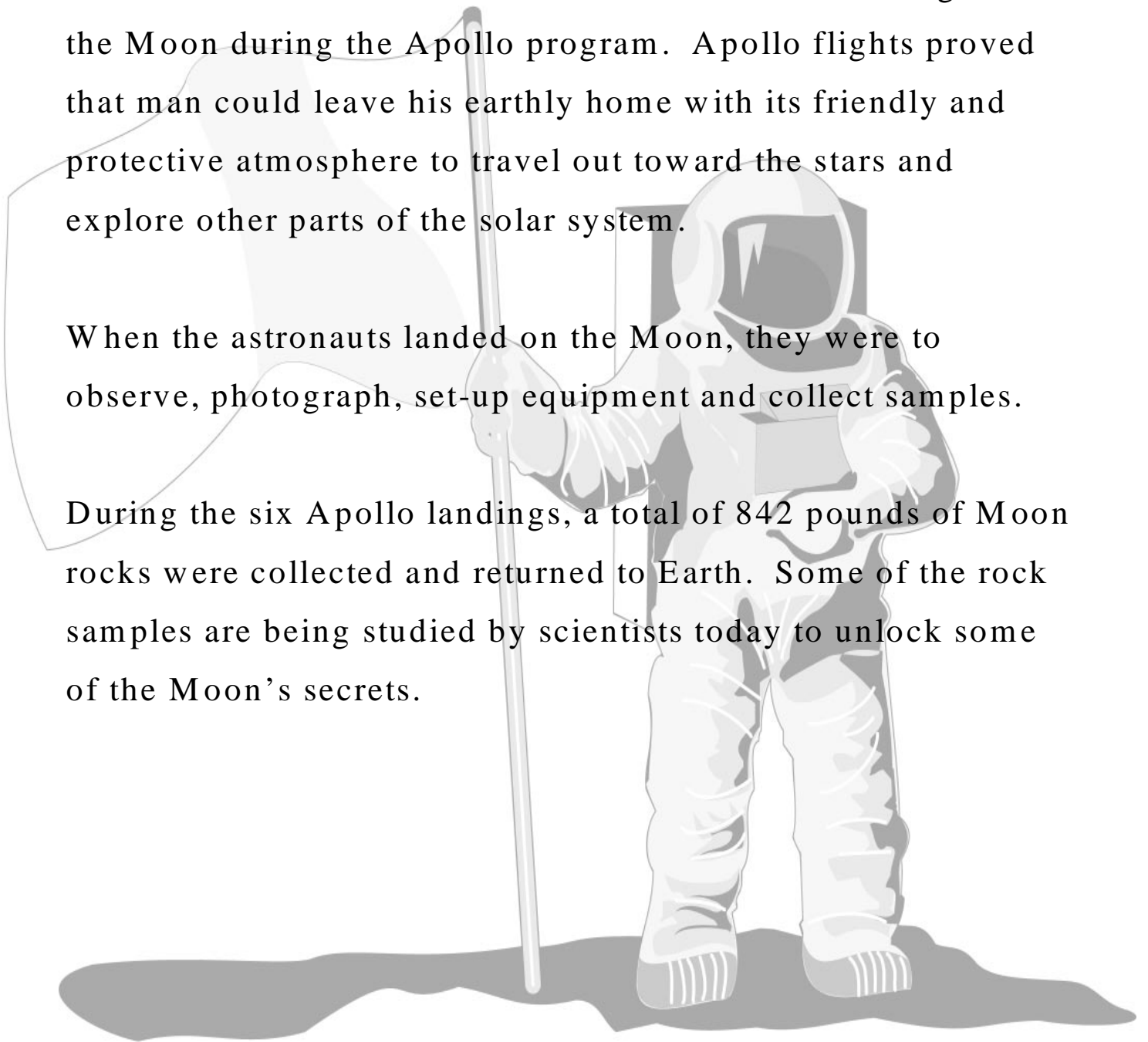
**The
Curator's
Coloring
and
Activity
Book**

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.



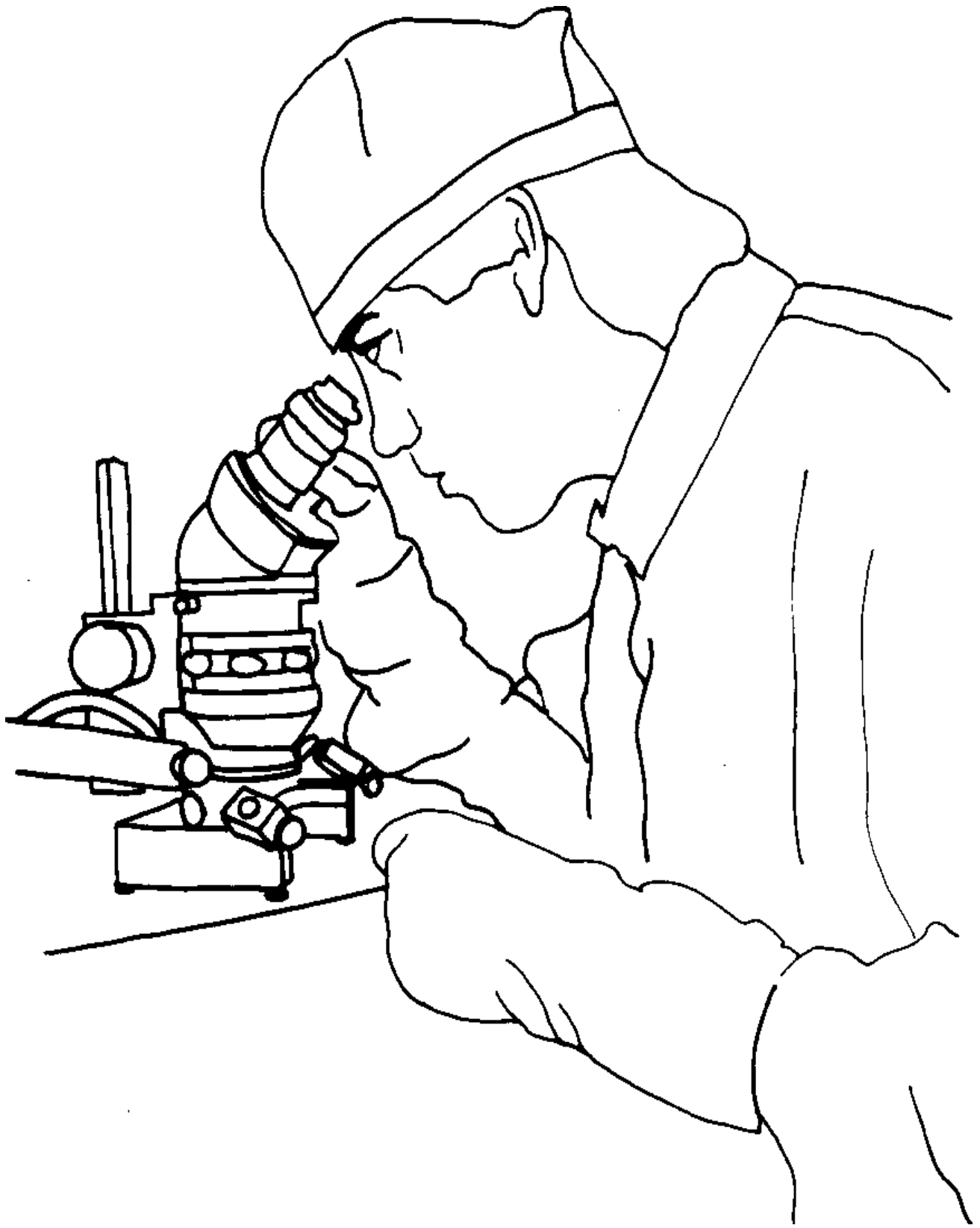
Moon Find-A-Word

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

				1					2		3		4			
5																6
7	8															
						9										
	10										11					
													12			
		13									14					

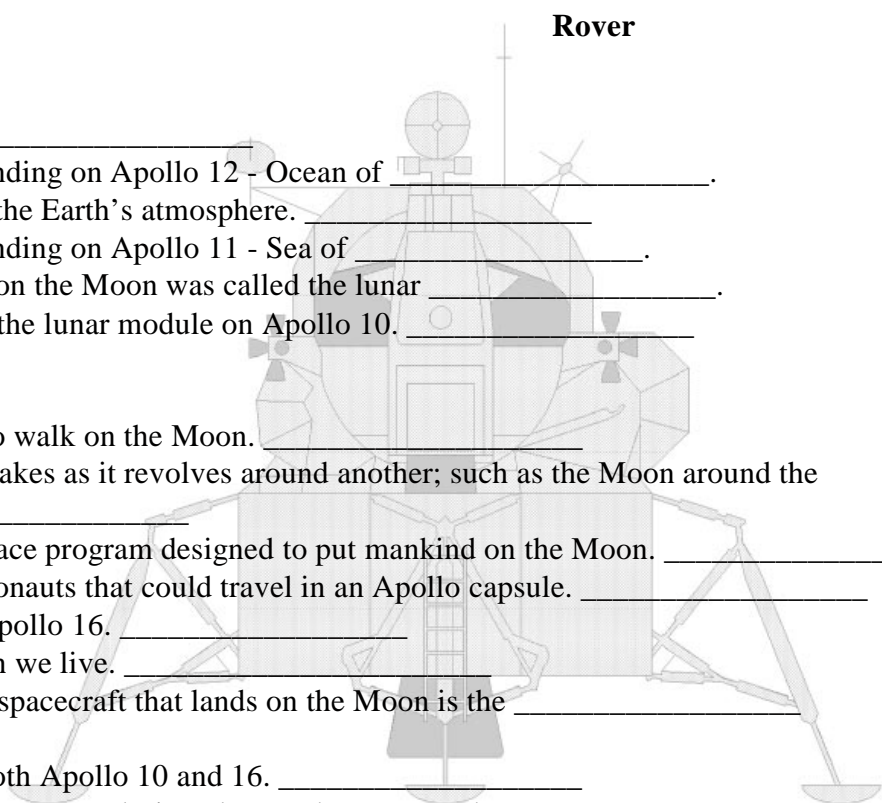
- Storms
- Moon
- Snoopy
- Earth
- Apollo
- Three
- Young
- Lunar
- Astronaut
- Reentry
- Orbit
- Mattingly
- Armstrong
- Tranquility
- Rover

ACROSS

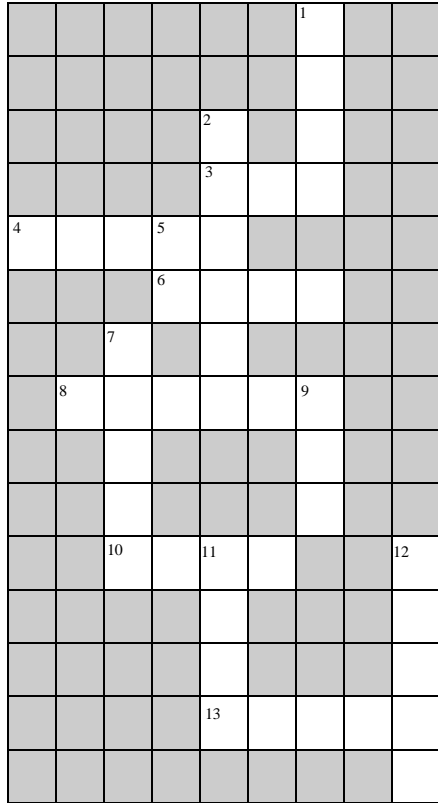
1. Space traveler. _____
5. Site of lunar landing on Apollo 12 - Ocean of _____.
7. Returning into the Earth's atmosphere. _____
10. Site of lunar landing on Apollo 11 - Sea of _____.
13. The car driven on the Moon was called the lunar _____.
14. Name given to the lunar module on Apollo 10. _____

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 _____ module.
10. Astronaut on both Apollo 10 and 16. _____
12. The Apollo program was designed to put humans on the _____.



Apollo Crossword Puzzle



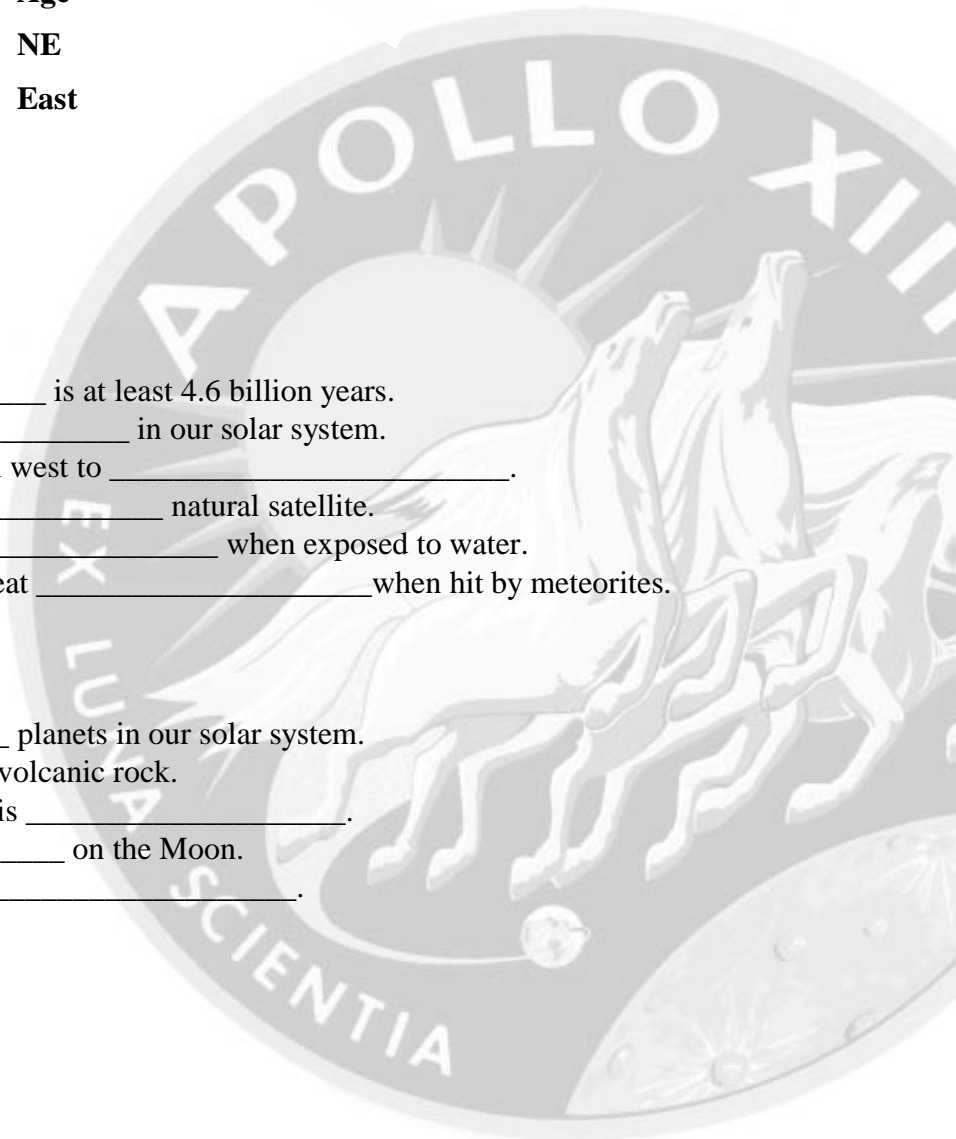
- Earth's
- Moons
- Basalt
- Shock
- Rocks
- Water
- Nine
- Seas
- Rust
- Sol
- Age
- NE
- East

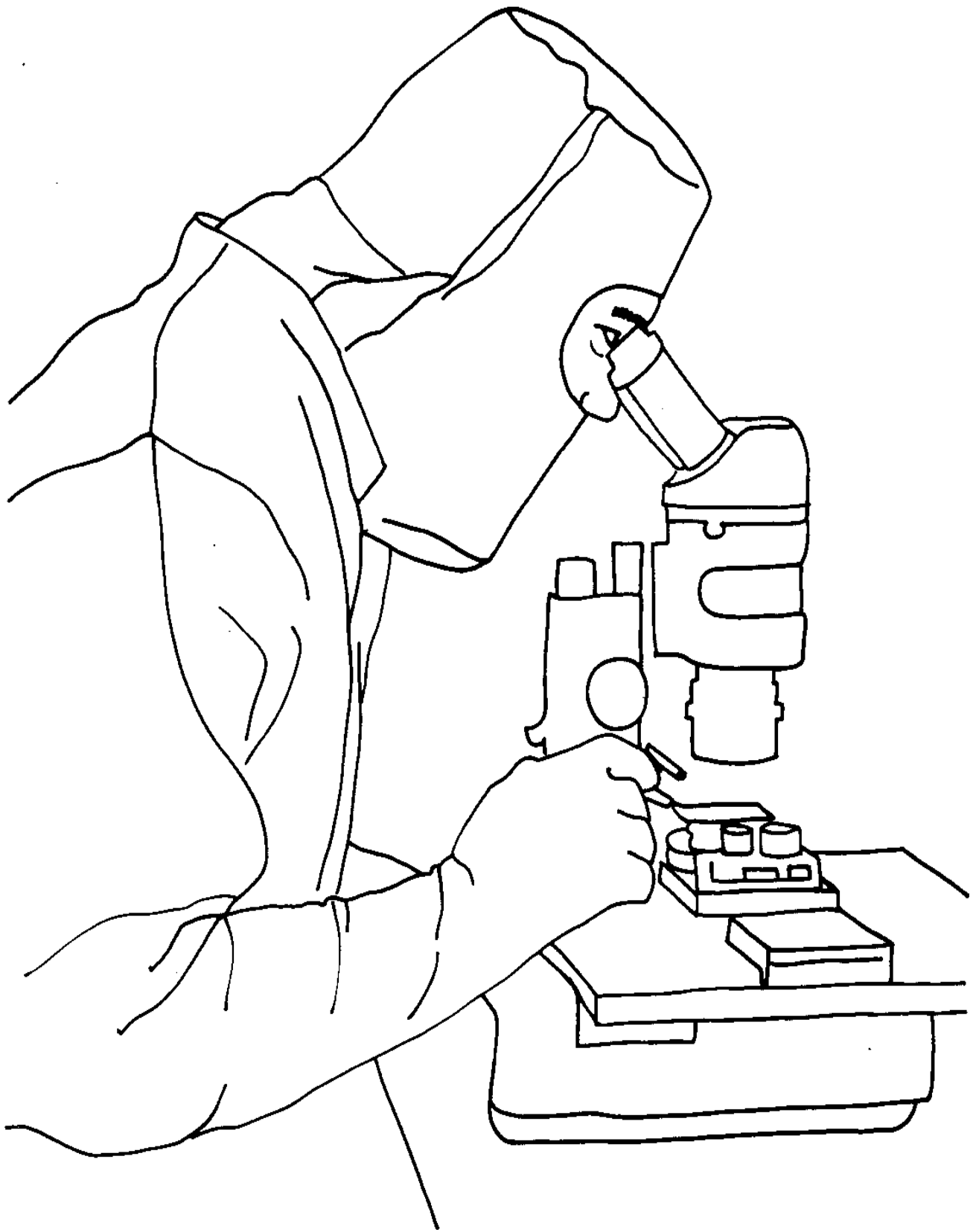
ACROSS

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.

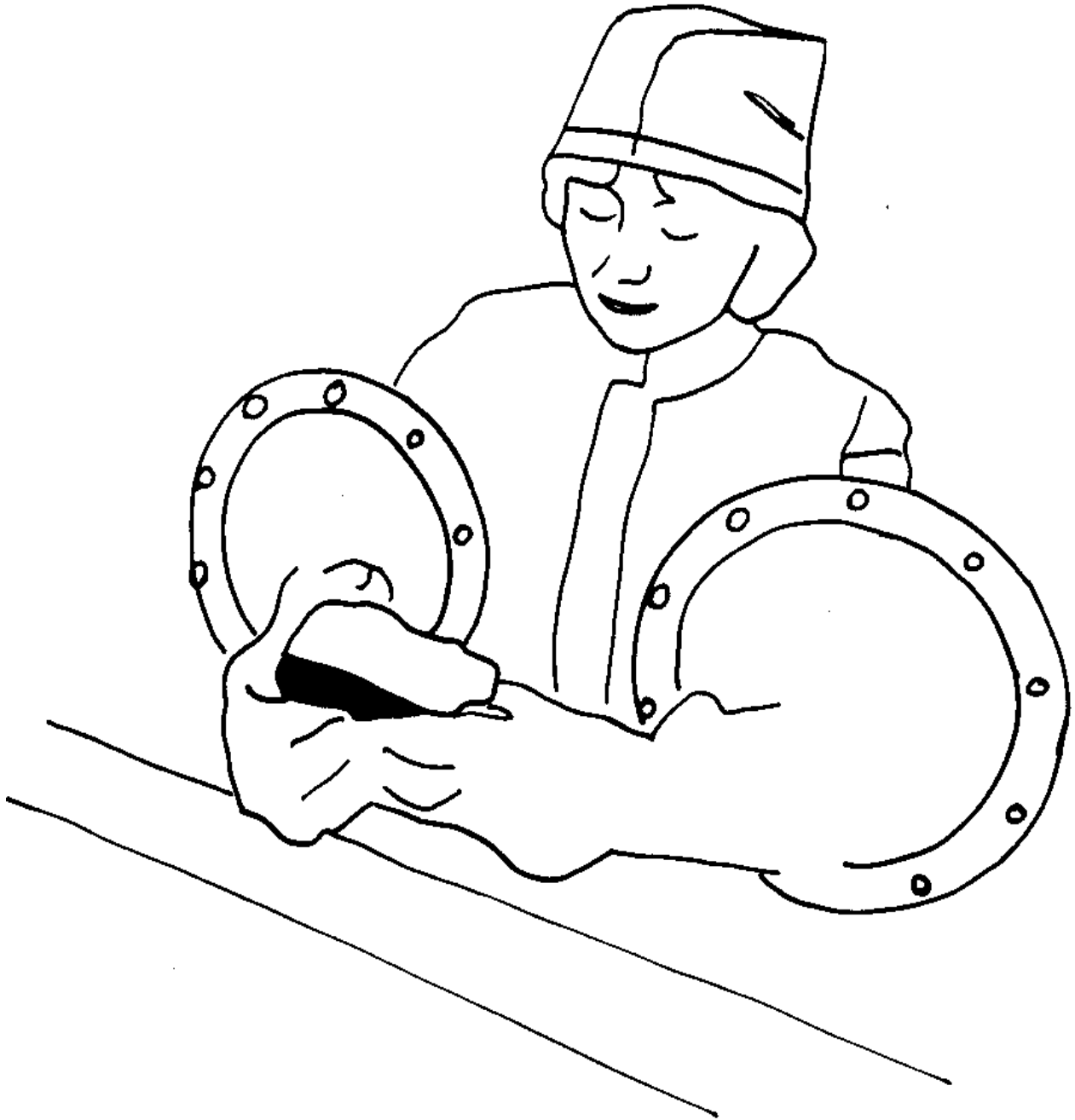
DOWN

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 _____.

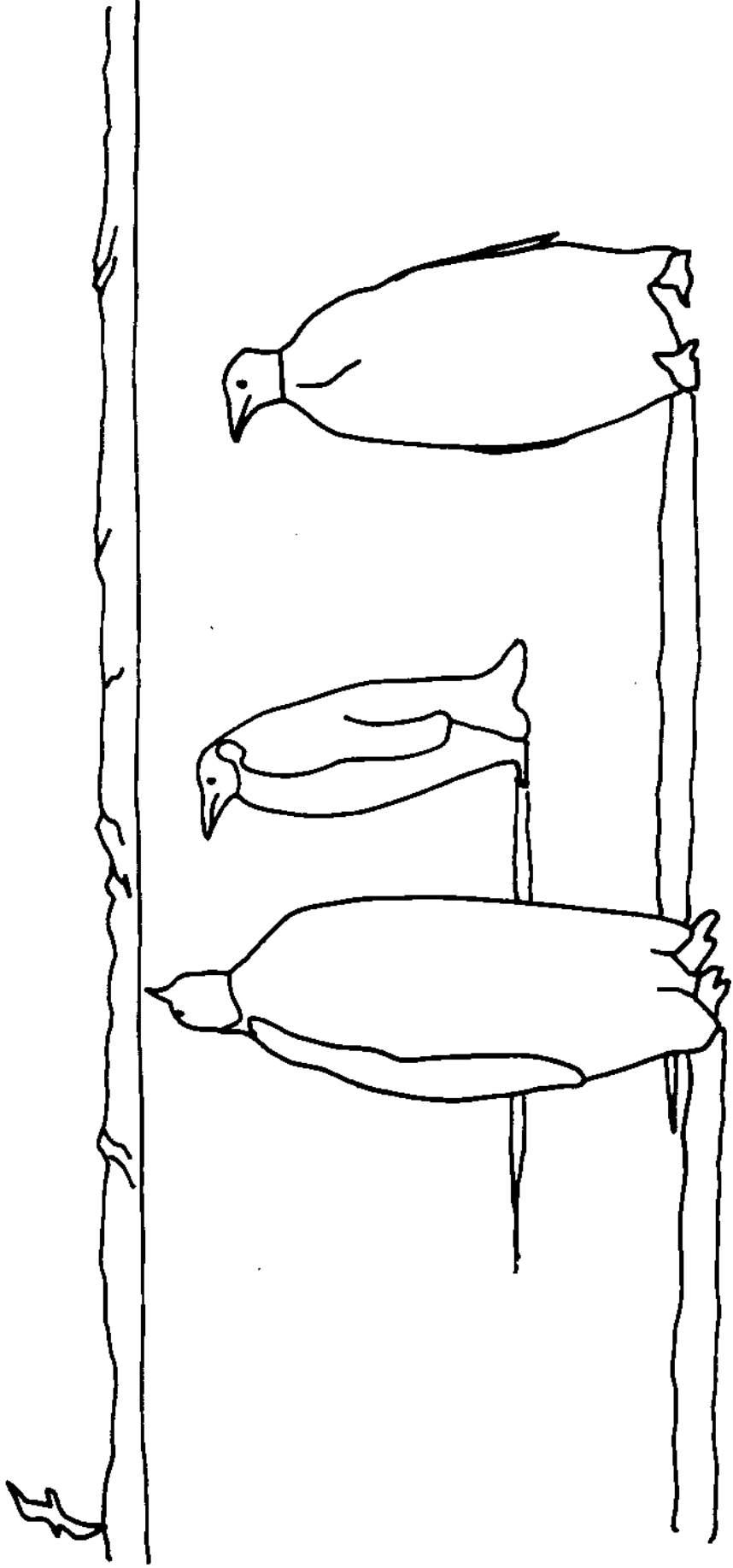
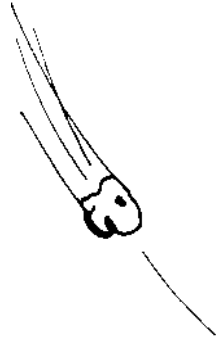




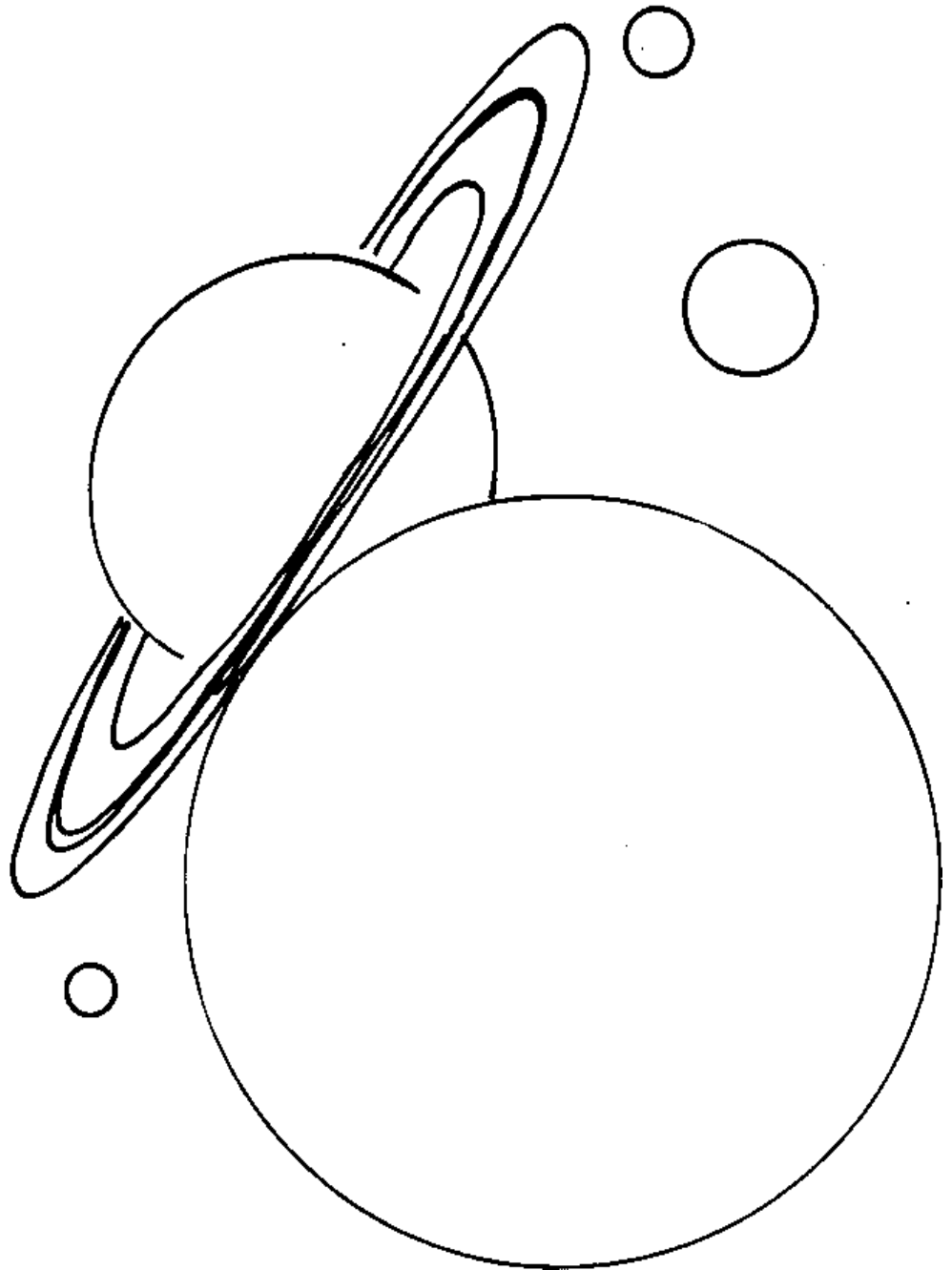
A scientist looking at cosmic dust.



A scientist examining a meteorite.



Meteorites are collected in Antarctica.



**Someday we hope to explore the
moons of other planets.**

Apollo Flight Log

Mission	Dates	Crew	Time in Space	Remarks
Apollo 1	Jan. 27, 1967	Virgil I. Grissom Edward H. White, II Roger Chaffee		Accidental fire during ground test took the astronauts' lives
Apollo 7	Oct. 11-22, 1968 Recovery Ship - Essex	Walter M. Schirra Donn Eisele Walter Cunningham	260:8:45	163 revolutions
Apollo 8	Dec. 21-27, 1968 Recovery Ship - Yorktown	Frank Borman James A. Lovell, Jr. William Anders	147:00:11	10 revolutions of the Moon
Apollo 9 (Gumdrop & Spider)	Mar. 3-13, 1969 Recovery Ship - Guadalcanal	James A. McDivitt David R. Scott Russell L. Schweickart	241:00:53	151 revolutions of the Earth
Apollo 10 (Charlie Brown & Snoopy)	May 18-26, 1969 Recovery Ship - Princeton	Thomas P. Stafford John W. Young Eugene A. Cernan	192:03:23	31 revolutions of the Moon
Apollo 11 (Columbia, Eagle, Tranquillity Base)	July 16-24, 1969 Recovery Ship - Hornet	Neil A. Armstrong Michael Collins Edwin E. Aldrin	195:18:35	First lunar landing; Sea of Tranquillity; 1 EVA 2 hrs. 31 min., 44 lbs. lunar material
Apollo 12 (Yankee Clipper & Intrepid)	Nov. 14-24, 1969 Recovery Ship - Hornet	Charles Conrad, Jr. Richard F. Gordon, Jr. Alan L. Bean	244:36:25	Second lunar landing; Ocean of Storms; 2 EVAs total 7 hrs. 39 min., 75 lbs. lunar material
Apollo 13 (Odyssey & Aquarius)	April 11-17, 1970 Recovery Ship - Iwo Jima	James A. Lovell, Jr. Fred W. Haise, Jr. John L. Swigert, Jr.	142:54:41	Planned lunar landing aborted after oxygen tank rupture
Apollo 14 (Kitty Hawk & Antares)	Jan. 31 - Feb. 9, 1971 Recovery Ship - New Orleans	Alan B. Shepard Stuart A. Roosa Edgar D. Mitchell	216:42:01	Third lunar landing; Fra Mauro; 2 EVAs total 9 hrs. 25 min., returned 98 lbs. lunar material
Apollo 15 (Endeavor & Falcon)	July 26 - Aug. 7, 1971 Recovery Ship - Okinawa	David R. Scott James B. Irwin Alfred M. Worden, Jr.	295:12	Fourth lunar landing; Hadley Apennine; 3 surface EVAs, totaling 18 hrs. 36 min., returned 173 lbs. samples
Apollo 16 (Casper & Orion)	April 16-27, 1972 Recovery Ship - Ticonderoga	John W. Young Thomas K. Mattingly Charles M. Duke, Jr.	265:51:06	Fifth lunar landing; Descartes highlands; 3 surface EVAs totaling 20 hrs. 14 min., returned 210 lbs. samples
Apollo 17 (America & Challenger)	Dec. 17-19, 1973 Recovery Ship - Ticonderoga	Eugene A. Cernan Ronald E. Evans Harrison H. Schmitt	301:51:59	Sixth lunar landing; Taurus-Littrow; 3 surface EVAs totaling 22 hrs. 4 min., returned 243 lbs. samples

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?

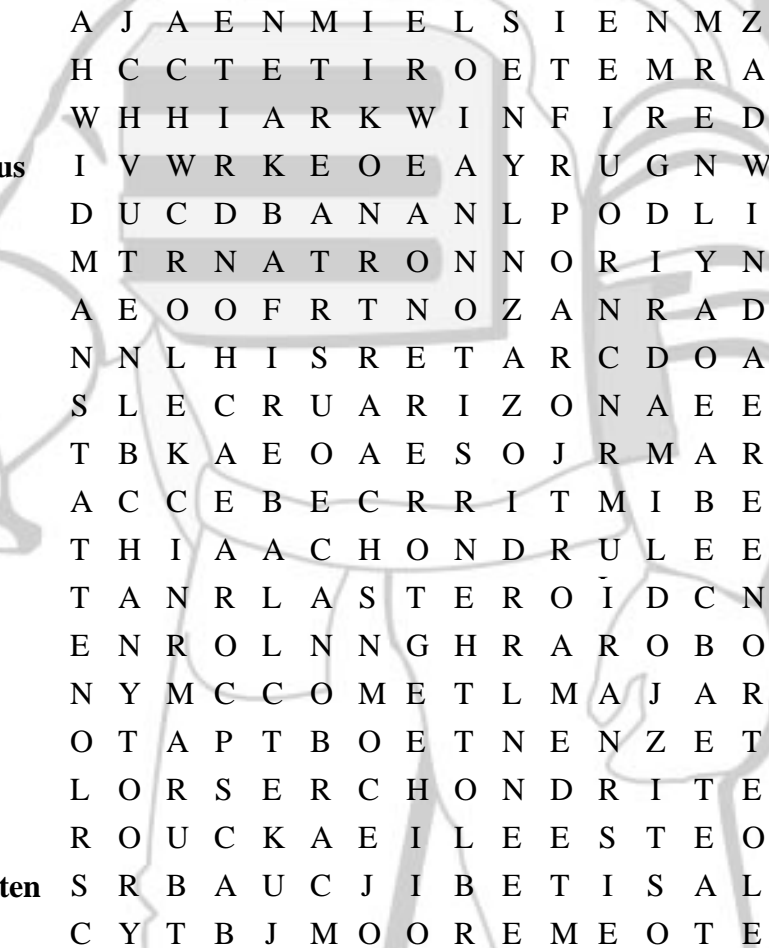
4. Which single mission returned that exact amount of lunar material? _____
5. Which astronauts flew on more than one Apollo mission? _____,
_____ and _____.
6. How much time was spent on EVAs on Apollo 16 and 17 together? _____
7. Which recovery ships were used for more than one Apollo mission? _____ 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
 - 2. Asteroid** H C C T E T I R O E T E M R A K A I
 - 3. Arizona** W H H I A R K W I N F I R E D O L F
 - 4. Carbonaceous** I V W R K E O E A Y R U G N W R H D
 - 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
 - 9. Crust** S L E C R U A R I Z O N A E E T I E
 - 10. Fireball** T B K A E O A E S O J R M A R E H T
 - 11. Iron** A C C E B E C R R I T M I B E M E E
 - 12. Meteor** T H I A A C H O N D R U L E E R T M
 - 13. Meteorite** T A N R L A S T E R O I D C N E M O
 - 14. Meteoroid** E N R O L N N G H R A R O B O T H O
 - 15. Nickel** N Y M C C O M E T L M A J A R R E U
 - 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
 - 19. Widmanstätten** S R B A U C J I B E T I S A L L A P
C Y T B J M O O R E M E O T E O R S