

Name \_\_\_\_\_ period \_\_\_\_\_

## 7<sup>th</sup> Grade DO NOW

**SCI.7.9A** Analyze the characteristics of objects in our solar system that allow life to exist such as the proximity of the Sun, presence of water, and composition of the atmosphere.

**SCI.7.9B** Identify the accommodations, considering the characteristics of our solar system that enabled manned space exploration.

Date \_\_\_\_\_

What is the main reason life is found on Earth and not in the rest of the solar system?

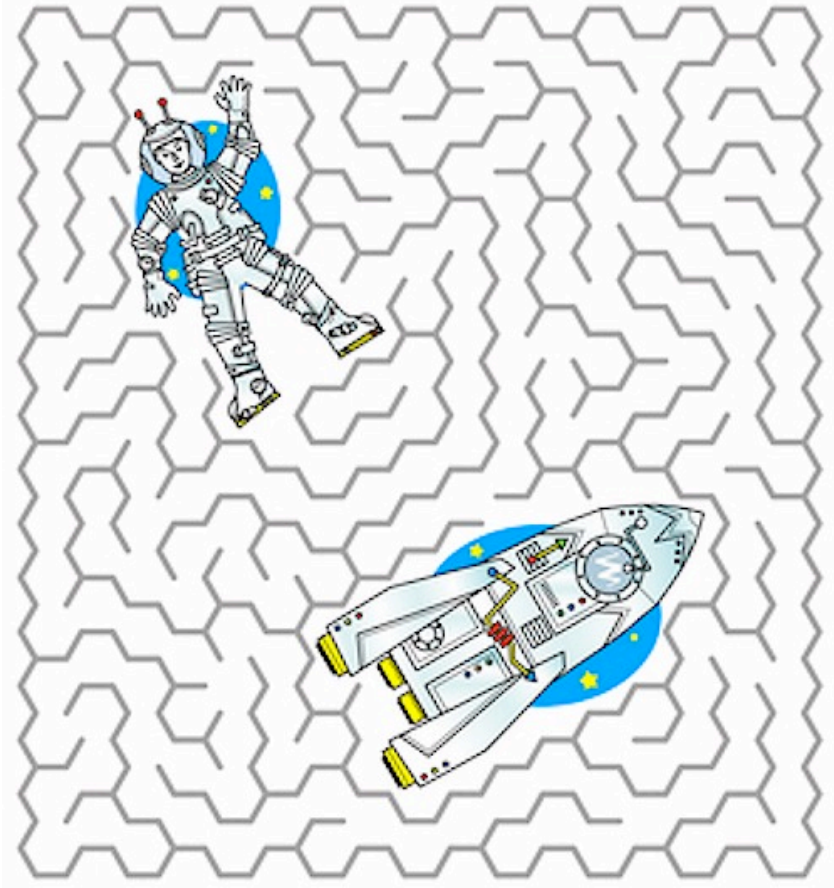
- A. There is life on other planets.
- B. How close we are to the Sun.
- C. We have machines to help us live.
- D. They don't have an atmosphere.

Date \_\_\_\_\_

What abiotic factors allow life to exist on Earth?

- A. Temperature, water and oxygen.
- B. Temperature, water and silicon.
- C. Temperature, silicon and mud.
- D. Temperature, mud and uranium.

Help the astronaut to find the shortest path to the spaceship.



Date \_\_\_\_\_

In what forms can water be found on Earth?

- A. Solid only
- B. Liquid only
- C. Gas only
- D. Solid, liquid and gas

Date \_\_\_\_\_

Why is Earth called a Goldilocks planet?

- A. Everyone likes the story of the 3 bears.
- B. It's not too hot and it's not too cold for life.
- C. Everyone wants to have blond hair.
- D. The Earth sits between Venus and Mars.

Date \_\_\_\_\_

What accommodations must be made for an astronaut to travel into space?

- A. An astronaut must have air to breathe and protection from various hazards.
- B. An astronaut must have strong hands.
- C. An astronaut must be able to go for long periods without eating.
- D. An astronaut must be able to go for long periods without breathing.

## Astronauts Word Search

Find the names of the pioneers of space travel.

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

ALDRIN

ANDERSON

ARMSTRONG

BEAN

BOBKO

BORMAN

BROWN

CHAFFEE

CHRETIEN

COLLINS

CONRAD

CRIPPEN

FOALE

GAGARIN

GARNEAU

GLENN

GRISSOM

HARRIS

KRIKALEV

MALERBA

NERIVELA

NICOLLIER

OCKELS

RIDE

SHARMA

SHEPARD

TERESHKOVA

YOUNG