

Name _____ period _____

7th 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?

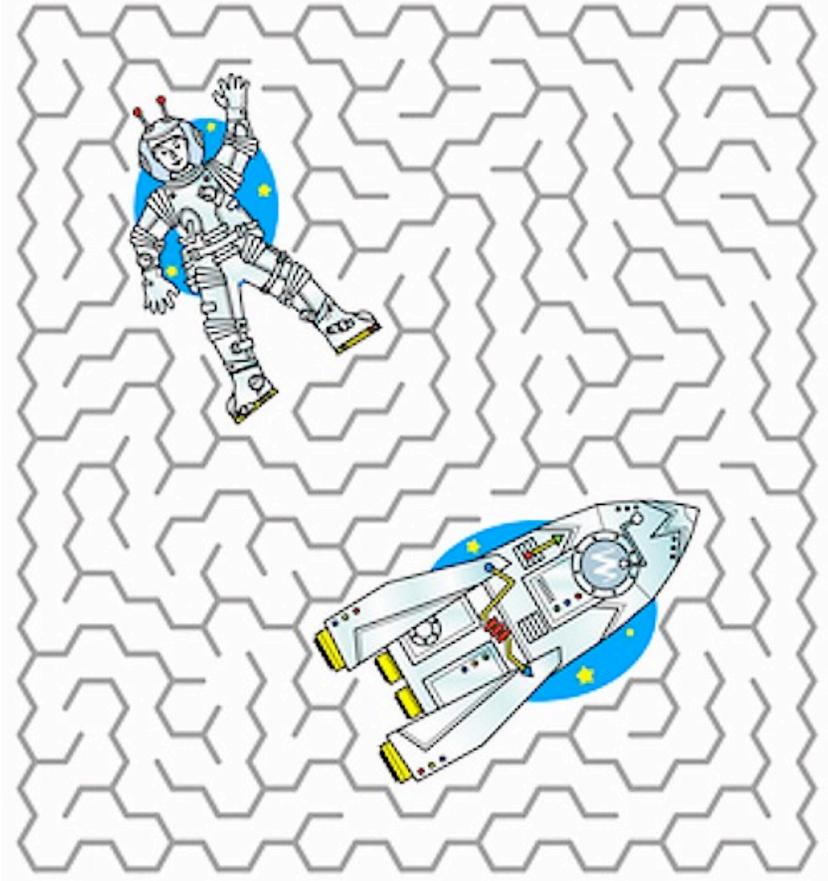
- A. There is life on other planets.
- B. How close we are to the Sun.
- C. We have machines to help us live.
- D. They don't have an atmosphere.

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