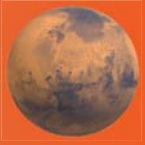




# Question & Answer Cards

## Scratching the Surface



Q#\_\_

You observe round (circular) holes in the surface of a planet. What might these features be?

Got it Right? Advance 2 spaces  
Got it Wrong? Go back 1 space

Q#\_\_

Are there channels on Mars that look like the channels on Earth that are carved by flowing rivers?

Got it Right? Advance 3 spaces  
Got it Wrong? Stay Put!

Q#\_\_

What is one piece of evidence that Mars, at one time, had flowing water on its surface?

Got it Right? Advance 2 spaces  
Got it Wrong? Go back 1 space

cut out and use with board.

Cut Here

When all cards are finished,

A#\_\_

Craters or Impact Craters

A#\_\_

Yes

A#\_\_

There are (dried) river channels on the surface of Mars

Staple other answer sheets here.



# Question & Answer Cards

Scratching the Surface



Q#\_\_

What causes craters to form?

Got it Right? Advance 2 spaces  
Got it Wrong? Go back 1 space

Q#\_\_

Volcanos occur on which? Mars? Earth?

Got it Right? Advance 3 spaces  
Got it Wrong? Stay Put!

Q#\_\_

Where have we SEEN volcanos erupt? Mars? Earth?

Got it Right? Advance 2 spaces  
Got it Wrong? Go back 1 space

cut out and use with board.

Cut Here

When all cards are finished,

A#\_\_

Asteroids and comets hitting the surface of a planet

A#\_\_

Mars AND Earth

A#\_\_

We have only SEEN volcanos erupting on Earth

Staple other answer sheets here.



# Question & Answer Cards

## Scratching the Surface



cut out and use with board.

Q#\_\_

You observe a long, narrow, ribbon-like channel on the surface of a planet. What might have created this feature?

Got it Right? Advance 2 spaces  
Got it Wrong? Go back 1 space

Q#\_\_

One of the Mars rovers you were tracking just rolled into a crater and is stuck. Sorry!

Stay Put

Q#\_\_

You just got swept away in a giant dust storm on Mars' surface. Sorry!

Go back 1 space

Cut Here

When all cards are finished,

A#\_\_

A river or stream

A#\_\_

No Answer

A#\_\_

No Answer

Staple other answer sheets here.



# Question & Answer Cards

## Inside Mars



Q#\_\_

What is the name of the tallest volcano on Mars?

Got it Right? Advance 2 spaces  
Got it Wrong? Go back 1 space

Q#\_\_

The interiors of both Mars and Earth have a core, a \_\_\_\_\_, and a \_\_\_\_\_.

Got it Right? Advance 3 spaces  
Got it Wrong? Stay Put!

Q#\_\_

What is molten (liquid) rock under the surface of a planet called?

Got it Right? Advance 2 spaces  
Got it Wrong? Go back 1 space

cut out and use with board.

Cut Here

When all cards are finished,

A#\_\_

Olympus Mons

A#\_\_

Mantle,  
Crust

A#\_\_

Magma

Staple other answer sheets here.



# Question & Answer Cards

## Inside Mars



Q#\_\_

Which is taller, Mars' tallest volcano, Olympus Mons, or Earth's tallest volcano, Mauna Kea in Hawaii?

Got it Right? Advance 2 spaces  
Got it Wrong? Go back 1 space

Q#\_\_

Why does Earth have smaller volcanos than Mars, and why do they form chains?

Got it Right? Advance 3 spaces  
Got it Wrong? Stay Put!

Q#\_\_

What do volcanos on the surface of a planet tell us about the inside of that planet?

Got it Right? Advance 2 spaces  
Got it Wrong? Go back 1 space

cut out and use with board.

Cut Here

When all cards are finished,

A#\_\_

Olympus Mons

A#\_\_

Earth's surface is made of plates that move

A#\_\_

The planet is hot enough inside to melt rock (make magma)

Staple other answer sheets here.



# Question & Answer Cards

## Inside Mars



Q#\_\_

You see a tall cone-shaped feature on the surface of a planet. What might it be?

Got it Right? Advance 2 spaces  
Got it Wrong? Go back 1 space

Q#\_\_

A Mars dust devil just whisked over your rover and gave its solar panels a much needed cleaning.

Advance 3 spaces

Q#\_\_

You just got bonked by a meteorite headed for the martian surface and it knocked you back.

Go back 1 space

cut out and use with board.

Cut Here

When all cards are finished,

A#\_\_

A volcano

A#\_\_

No Answer

A#\_\_

No Answer

Staple other answer sheets here.