RAPID OR SLOW: A Game On-The-Go!



GETTING STARTED

- 1. Roll a dice to decide who goes first. Highest number wins.
- 2. You may choose any color card to begin.

PLAYING THE GAME

- 1. Each time that you answer the card correctly, you may roll the dice and move that number of spaces. Once you move, the next player goes. Your card for the next turn is the color that you just landed on. If you answer incorrectly, your turn ends and you will answer the same color card next time.
- 2. The only way to take the fast track is if you land on the green dot and answer the question correctly.
- 3. The first person to reach the finish line is the winner!

THE CARDS

SLOW MO: ASK ANOTHER PLAYER TO READ THE CARD TO YOU. You will answer questions about slow changes to the Earth's surface.

WIND WATER OR ICE: ASK ANOTHER PLAYER TO READ THE CARD TO YOU. You will answer questions about how wind, water, and ice change the Earth's surface.

LAND FORMULATE: CHOOSE YOUR OWN CARD. You will draw landforms while other players guess what you are drawing. A timer may be used.

FAST TRACK ACT: CHOOSE YOUR OWN CARD. You will act out slow and rapid

FAST TRACK ACT: **CHOOSE YOUR OWN CARD.** You will act out slow and rapid processes or landforms and bodies of water while other players guess what you are acting out. A timer may be used.

DANGER ZONE: **ASK ANOTHER PLAYER TO READ THE CARD TO YOU.** You will answer questions about rapid changes to the Earth's surface.

THE GRAY AREA

The choice is ... well ... yours! So pick any card you would like!

SLOW SLOW MO MO **SLOW** SLOW MO MO SLOW SLOW MO MO SLOW SLOW MO MO

In this process, wind, water, and ice break down features of the Earth's surface. weathering	This is the slow process of moving weathered materials to a new location on the Earth's surface. erosion
In this process, weathered materials are dropped in a new location on the Earth's surface. deposition	This is the process that formed the Grand Canyon.
Grasses and other plants planted along rivers and streams help to prevent this change. erosion	The Mississippi Delta was formed by this process. deposition

SLOW SLOW MO MO **SLOW** SLOW MO MO SLOW SLOW MO MO SLOW SLOW MO MO

A moraine is created by glaciers and which slow process?	Smooth river rocks being carried downstream is an example of
weathering	erosion
Smooth river rocks piling up at the mouth of a fast moving brook is an example of	This is the process that forms natural arches.
deposition	weathering
True or False? Weathering, erosion, and deposition are not caused by the same forces. False—wind, water, and ice all contribute to each	True of False? The effects of weathering, erosion, and deposition can be seen immediately. False—they take place over millions of years.
Freezing and thawing of water into ice can break rocks into smaller pieces in which slow process? weathering	A sand dune is created by the results of weathering, erosion, and deposition. True—rock weathers and wind carries and drops the sand.

WIND **WIND WATER WATER** OR ICE OR ICE **WIND** WIND **WATER WATER ORICE** OR ICE WIND **WIND WATER WATER** OR ICE **ORICE WIND** WIND WATER **WATER** OR ICE OR ICE

Name the agent of change (wind, water, or ice) for smooth, river rocks.	Name the agent of change (wind, water, or ice) for the shape of a river bank.
water	water
Name the agent of change (wind, water, or ice) for a delta.	Name the agent of change (wind, water, or ice) for cracked rock.
water	water
Name the agent of change (wind, water, or ice) for a natural, stone arch.	Name the agent of change (wind, water, or ice) for a sand dune.
	wind
Name the agent of change (wind, water, or ice) for formation of a canyon.	Name the agent of change (wind, water, or ice) for a dust storm.
water	wind

WIND **WIND WATER WATER** OR ICE OR ICE **WIND** WIND **WATER WATER ORICE** OR ICE WIND **WIND WATER WATER** OR ICE OR ICE **WIND** WIND WATER **WATER** OR ICE OR ICE

Name the agent of change (wind, water, or ice) for a moraine.	Name the agent of change (wind, water, or ice) for a u-shaped valley.
ice	ice
Name the agent of change (wind, water, or ice) for scraped rock.	Name the agent of change (wind, water, or ice) for the amount of sand on a beach.
ice	water
Multiple Choice: At which locations is wind the most dominant force? A. deserts and beaches * B. deltas and floodplains C. glaciers and moraines D. canyons	Multiple Choice: At which location is water the most dominant force? A. deserts and beaches B. deltas and floodplains * C. glaciers and moraines D. canyons
Multiple Choice: At which location is weathering NOT the most dominant force? A. moraines B. glaciers C. canyons * D. mountaintops	Multiple Choice: Which of the following is NOT an example of erosion? A. Grand Canyon B. river bank C. delta * D. u-shaped valley

LAND LAND **FORMULATE FORMULATE** LAND LAND **FORMULATE FORMULATE** LAND LAND **FORMULATE FORMULATE** LAND LAND **FORMULATE FORMULATE**

Obstructed View! Draw the following landform with your eyes closed. If someone can guess it, you can roll the dice! mountains	Obstructed View! Draw the following landform with your eyes closed. If someone can guess it, you can roll the dice! valley
Obstructed View! Draw the following landform with your eyes closed. If someone can guess it, you can roll the dice! hill Obstructed View! Draw the following landform with your eyes closed. If	Obstructed View! Draw the following landform with your eyes closed. If someone can guess it, you can roll the dice! valley Obstructed View! Draw the following landform with your eyes closed. If
someone can guess it, you can roll the dice! plain Obstructed View! Draw the following landform with your eyes closed. If someone can guess it, you	someone can guess it, you can roll the dice! river Obstructed View! Draw the following landform with your eyes closed. If someone can guess it, you
can roll the dice! plateau	can roll the dice! glacier

LAND LAND **FORMULATE FORMULATE** LAND LAND **FORMULATE FORMULATE** LAND LAND **FORMULATE FORMULATE** LAND LAND **FORMULATE FORMULATE**

Squiggle Draw! Use your opposite hand to draw the following landform. If someone guesses it, roll the dice! moraine	Squiggle Draw! Use your opposite hand to draw the following landform. If someone guesses it, roll the dice! river bank
Squiggle Draw! Use your opposite hand to draw the following landform. If someone guesses it, roll the dice! natural arch	Squiggle Draw! Use your opposite hand to draw the following landform. If someone guesses it, roll the dice! valley
Squiggle Draw! Use your opposite hand to draw the following landform. If someone guesses it, roll the dice! mountain peak	Squiggle Draw! Use your opposite hand to draw the following landform. If someone guesses it, roll the dice! volcano
Squiggle Draw! Use your opposite hand to draw the following landform. If someone guesses it, roll the dice!	Squiggle Draw! Use your opposite hand to draw the following landform. If someone guesses it, roll the dice! lake

FAST TRACK FAST TRACK ACT ACT **FAST TRACK FAST TRACK** ACT **ACT FAST TRACK FAST TRACK** ACT **ACT FAST TRACK FAST TRACK** ACT **ACT**

Duet! Duet! Act out the process below using no Act out the process below words or sounds. Choose one using no words or sounds. Choose one person to guess what you are. person to guess what you are. If they get it right, you can take the If they get it right, you can take the fast track! fast track! deposition erosion Duet! Duet! Act out the process below using no Act out the process below using no words or sounds. Choose one words or sounds. Choose one person to guess what you are. If person to guess what you are. If they get it right, you can take the they get it right, you can take the fast track! fast track! weathering landslide Duet! Duet! Act out the process below using no Act out the process below using no words or sounds. Choose one words or sounds. Choose one person to guess what you are. If person to guess what you are. If they get it right, you can take the they get it right, you can take the fast track! fast track! volcanic eruption earthquake Duet! Duet! Act out the process below using no Act out the process below using no words or sounds. Choose one words or sounds. Choose one person to guess what you are. If person to guess what you are. If they get it right, you can take the they get it right, you can take the fast track! fast track! hurricane tornado

FAST TRACK FAST TRACK ACT ACT **FAST TRACK FAST TRACK** ACT **ACT FAST TRACK FAST TRACK** ACT **ACT FAST TRACK FAST TRACK** ACT **ACT**

Lights! Camera! Action! Act out a landform for the whole group using no words. If they figure it out, you can take the fast track!	Lights! Camera! Action! Act out a landform for the whole group using no words. If they figure it out, you can take the fast track!
delta	valley
Lights! Camera! Action! Act out a landform for the whole group using no words. If they figure it out, you can take the fast track!	Lights! Camera! Action! Act out a landform for the whole group using no words. If they figure it out, you can take the fast track!
mountain	plains
Lights! Camera! Action! Act out a body of water for the whole group using no words. If they figure it out, you can take the fast track!	Lights! Camera! Action! Act out a body of water for the whole group using no words. If they figure it out, you can take the fast track!
ocean	stream
Lights! Camera! Action! Act out a body of water for the whole group using no words. If they figure it out, you can take the fast track!	Lights! Camera! Action! Act out a body of water for the whole group using no words. If they figure it out, you can take the fast track!
waterfall	pond

DANGER DANGER ZONE ZONE DANGER **DANGER** ZONE ZONE **DANGER DANGER** ZONE ZONE **DANGER DANGER** ZONE ZONE

Define the danger: This is a series of vibrations of the Earth's crust.	Define the danger: This is the falling or sliding of soil or rock down a hill or mountain. landslide
Define the danger: This is the falling or sliding of snow or ice down a hill or mountain. avalanche	Define the danger: This is when magma reaches the Earth's surface. volcanic eruption
Define the danger: This is a weather event involving heavy rains and winds over water and along shorelines. hurricane	Define the danger: This is a weather event involving destructive winds and often heavy rains on land. tornado
Define the danger: This is a giant surge of water that reaches land that is caused by a volcanic eruption or earthquake in the ocean.	Define the danger: This is a weather event that causes rivers, streams, or other bodies of water to extend into areas not normally covered in water.

DANGER DANGER ZONE ZONE DANGER **DANGER** ZONE ZONE **DANGER DANGER** ZONE ZONE **DANGER DANGER** ZONE ZONE

Get a clue! Read the clues	Get a clue! Read the clues
and decide which natural disaster they describe.	and decide which natural disaster they describe.
·	·
Rock or soil, change in location, falling	Roads or cities erased, landscape transformed,
tooderon, ratting in	molten rock
landslide	volcanic eruption
Get a clue! Read the clues	Get a clue! Read the clues
and decide which natural	and decide which natural
disaster they describe.	disaster they describe.
Certain areas at more risk,	Heavy winds, can have lots of
special buildings needed, lots	rain, found over land
of shaking	tornado
earthquake	tornado
Get a clue! Read the clues	Get a clue! Read the clues
	act a ctac. Read the ctaes
and decide which natural	and decide which natural
and decide which natural disaster they describe.	
disaster they describe. Heavy winds, can have lots of	and decide which natural disaster they describe. Snow or ice, change in
disaster they describe.	and decide which natural disaster they describe.
disaster they describe. Heavy winds, can have lots of	and decide which natural disaster they describe. Snow or ice, change in
disaster they describe. Heavy winds, can have lots of rain, found over water	and decide which natural disaster they describe. Snow or ice, change in location, falling
disaster they describe. Heavy winds, can have lots of rain, found over water	and decide which natural disaster they describe. Snow or ice, change in location, falling
disaster they describe. Heavy winds, can have lots of rain, found over water hurricane Get a clue! Read the clues and decide which natural	and decide which natural disaster they describe. Snow or ice, change in location, falling avalanche Get a clue! Read the clues and decide which natural
disaster they describe. Heavy winds, can have lots of rain, found over water hurricane Get a clue! Read the clues	and decide which natural disaster they describe. Snow or ice, change in location, falling avalanche Get a clue! Read the clues
disaster they describe. Heavy winds, can have lots of rain, found over water hurricane Get a clue! Read the clues and decide which natural disaster they describe. Brings nutrients to crops, can	and decide which natural disaster they describe. Snow or ice, change in location, falling avalanche Get a clue! Read the clues and decide which natural disaster they describe. Can temporarily or permanently
disaster they describe. Heavy winds, can have lots of rain, found over water hurricane Get a clue! Read the clues and decide which natural disaster they describe. Brings nutrients to crops, can destroy houses, caused by	and decide which natural disaster they describe. Snow or ice, change in location, falling avalanche Get a clue! Read the clues and decide which natural disaster they describe.
disaster they describe. Heavy winds, can have lots of rain, found over water hurricane Get a clue! Read the clues and decide which natural disaster they describe. Brings nutrients to crops, can	and decide which natural disaster they describe. Snow or ice, change in location, falling avalanche Get a clue! Read the clues and decide which natural disaster they describe. Can temporarily or permanently change the landscape, animals