

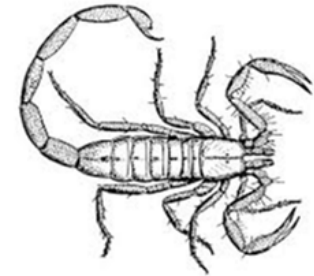
**If you found this fossil, what can you conclude about that environment?**

- That it was once a swamp
- That it was once a ocean
- That it was once a desert
- That it was once a prarie



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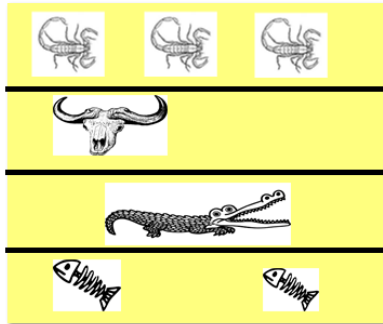
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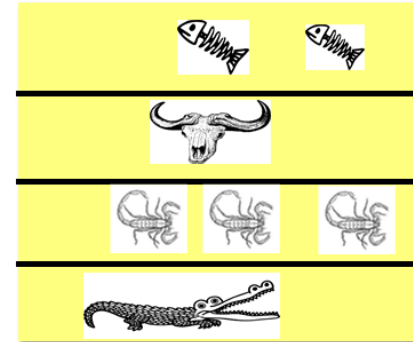
Use the evidence given to sort the environments based on when they occurred

Desert  
Grassland  
Swamp  
Ocean

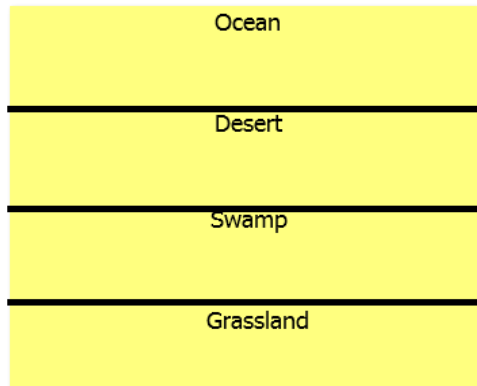


Use the evidence given to sort the environments based on when they occurred

Ocean  
Grassland  
Desert  
Swamp

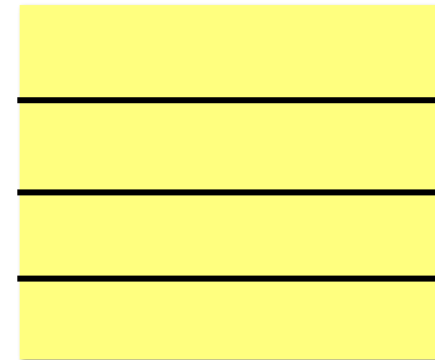










Use the evidence given to sort the fossils based on when they occurred



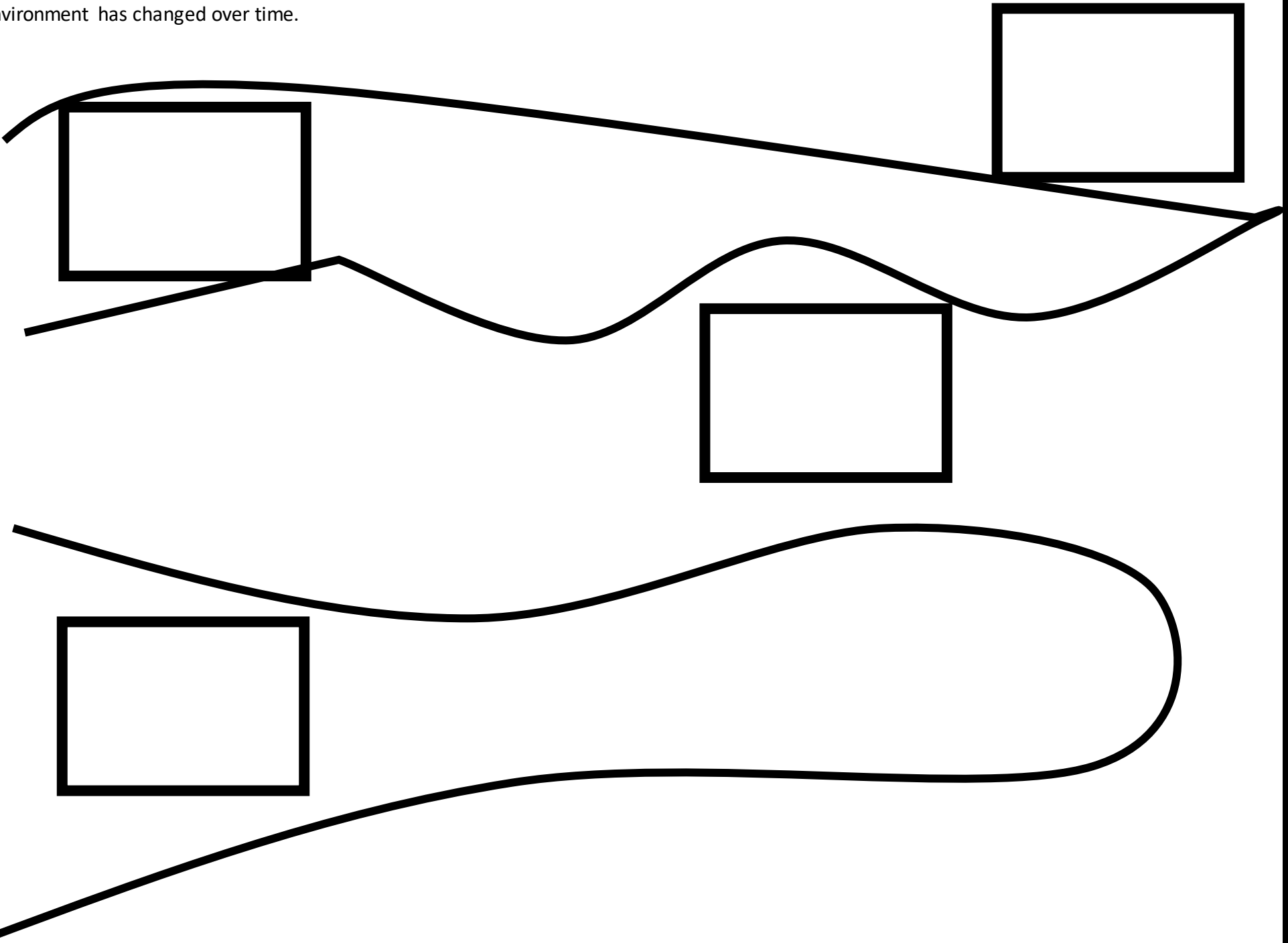
Sort the picture based on how the environments have changed over time.

500 thousand years ago there was a swamp that existed. The climate began to warm up and all of the water evaporated and created a desert climate. This desert climate lasted for thousands of years until the climate began to change again and it began to rain. The grass soon returned and so did the consumers who ate it. Thousands of years later the rain became excessive and became a shallow sea.



			
Desert	Grassland	Swamp	Ocean
			
Desert	Grassland	Swamp	Ocean

These are layers of sedimentary rock. Insert fossils into the different layers and then explain how the fossils give us evidence to how this environment has changed over time.





Angry Volcano



Angry Volcano



Angry Volcano



Angry Volcano



Angry Volcano



Angry Volcano



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Angry Volcano

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**Brown Shell**



**Fish**



**Crab**



**Sea  
Turtle**



**Frog**



**Predator  
fish**



**Golden  
Shell**



**Ancient Fish**



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**Frog**



**Predator  
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**Ancient Fish**

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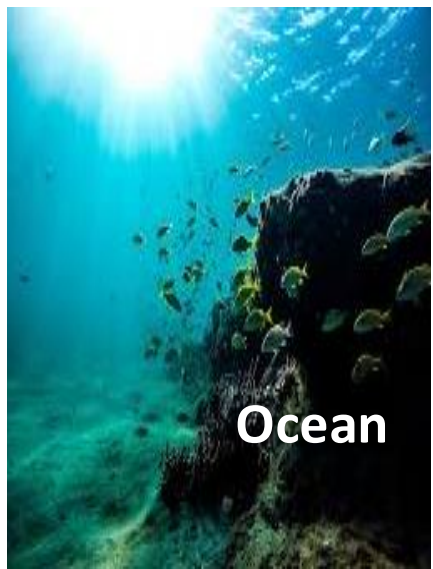
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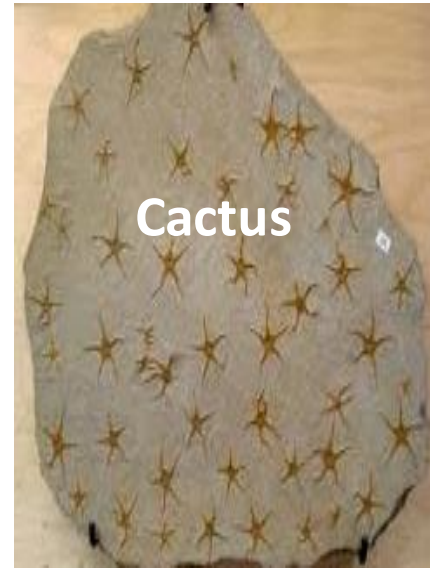
**Scorpion**



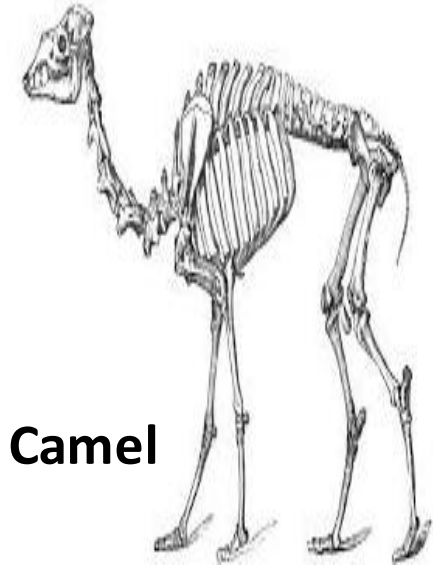
**Spider**



**Cactus**



**Camel**



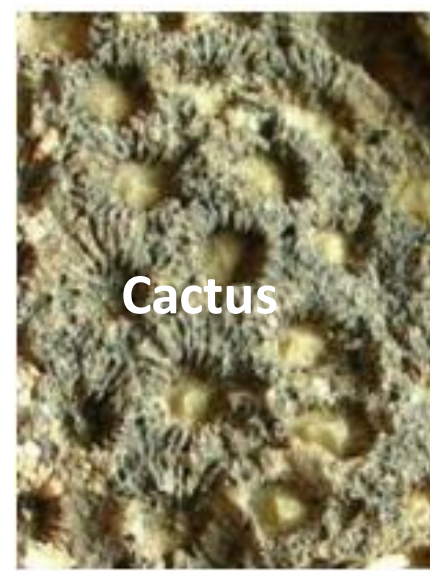
**Snake**



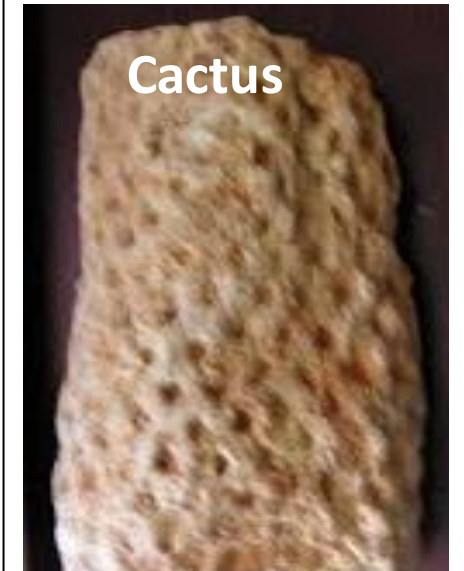
**Cheetah**



**Cactus**



**Cactus**





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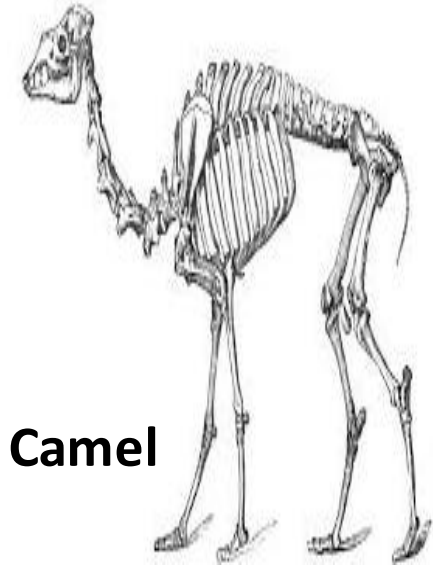
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**Cactus**



**Camel**



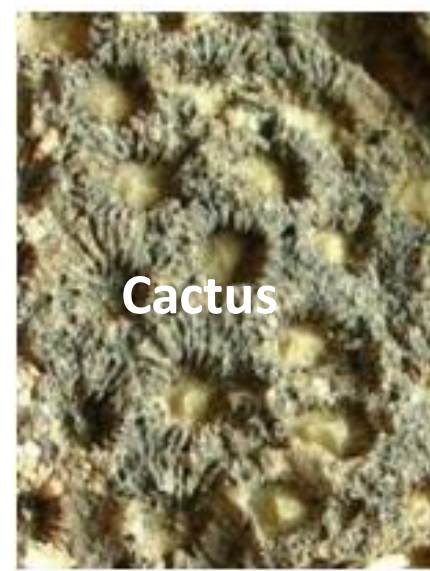
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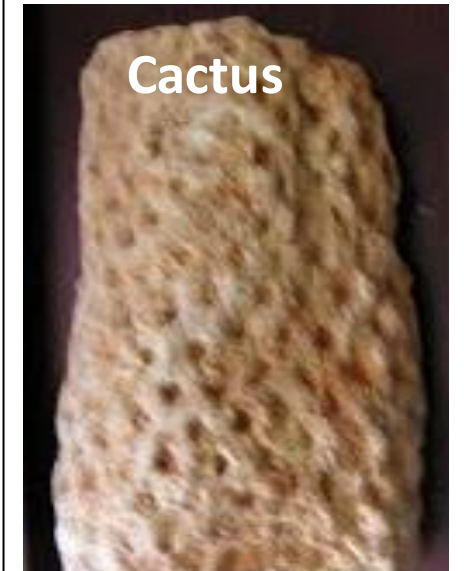
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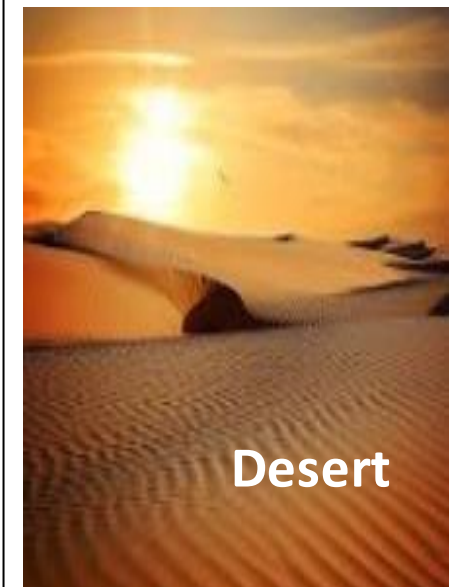
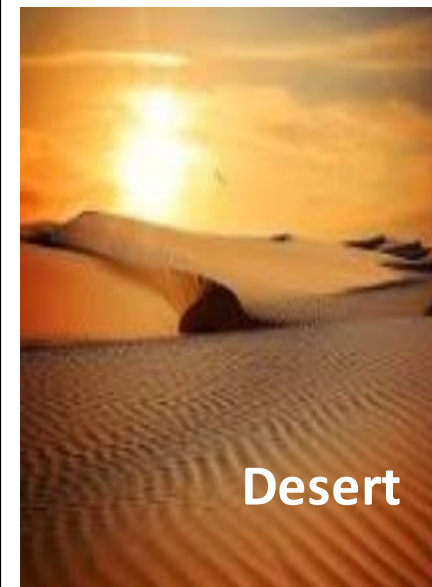
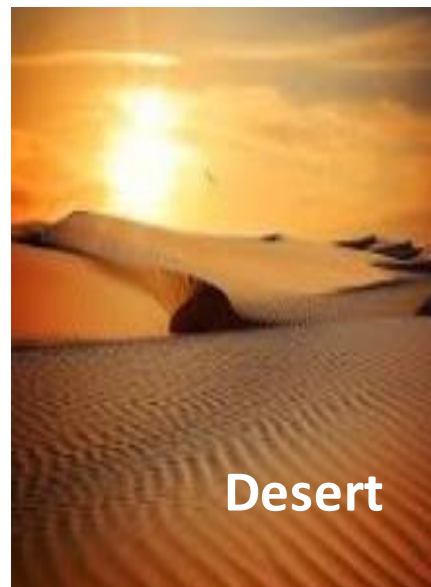
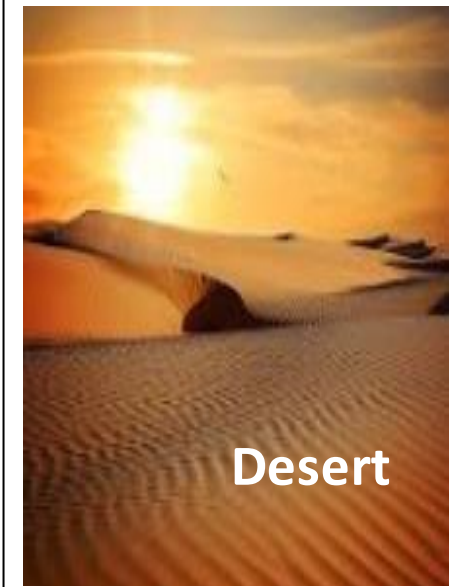
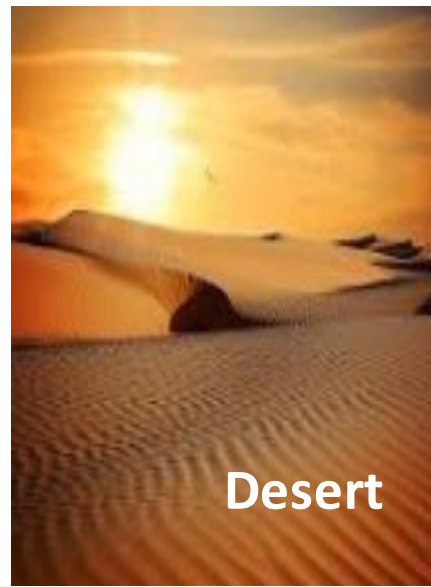
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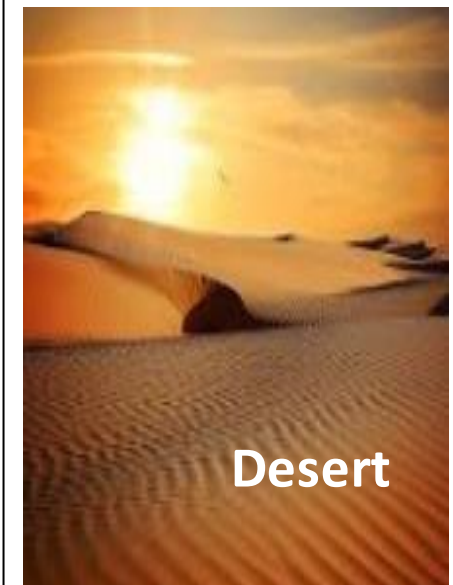
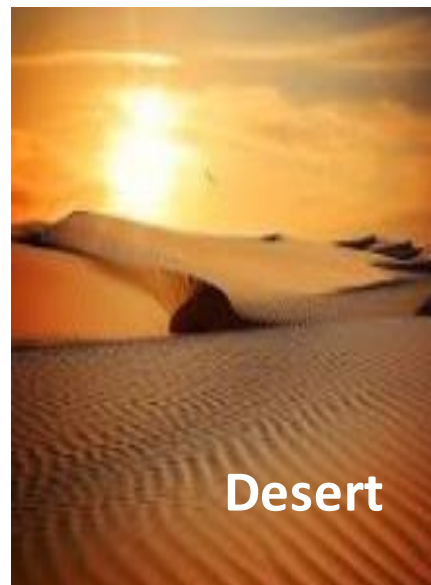
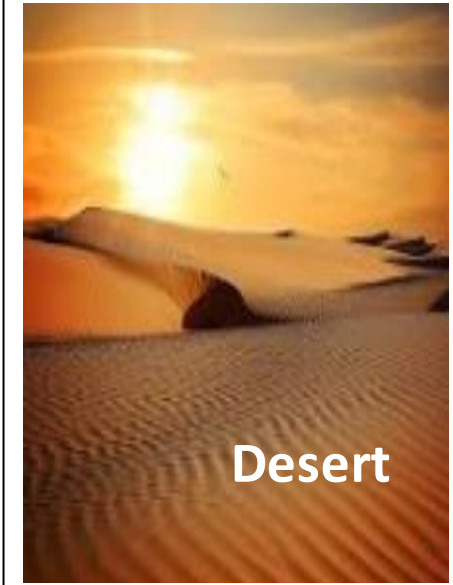
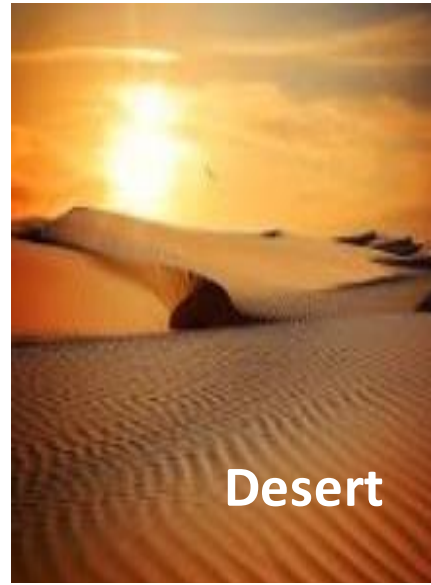
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Leaf



Leaf



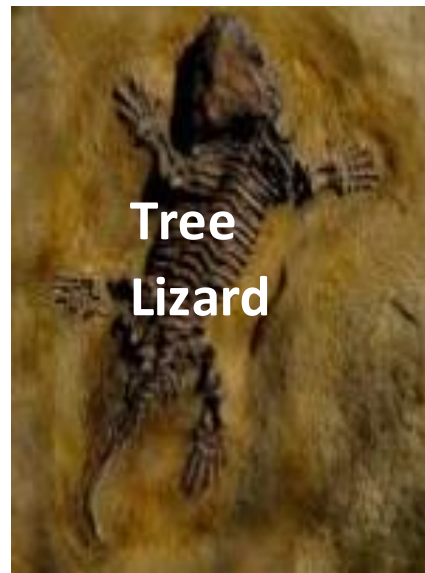
Bear



Monkey



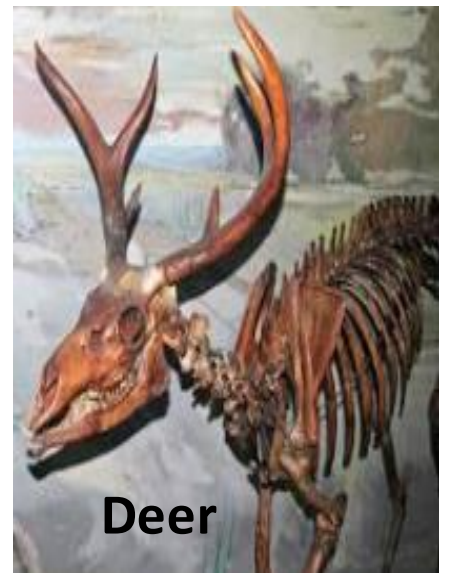
Wolf



Tree  
Lizard



Dragonfly



Deer

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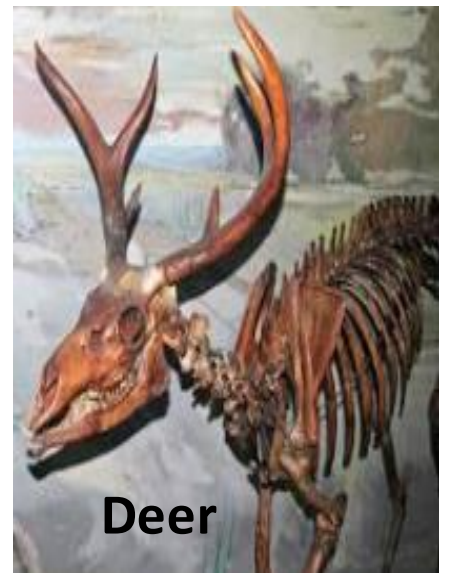
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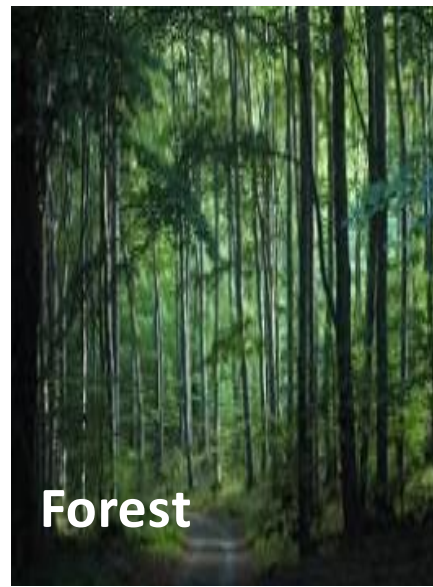
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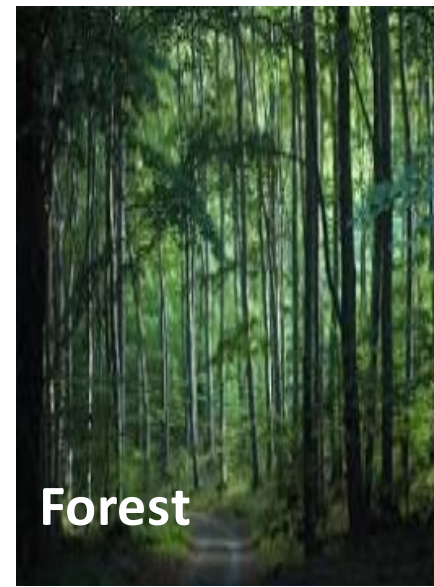
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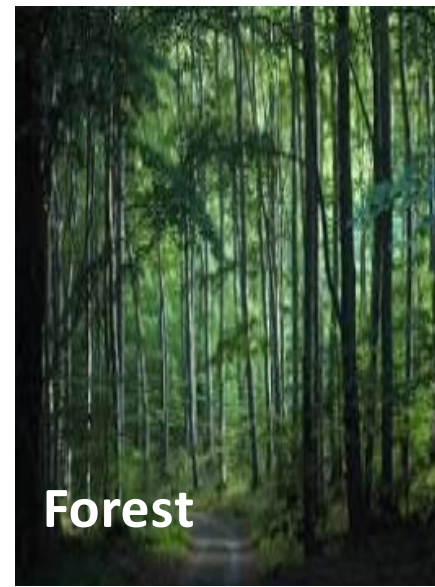
**Forest**



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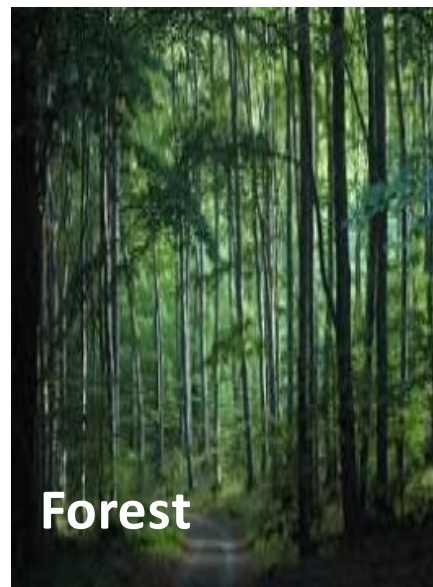
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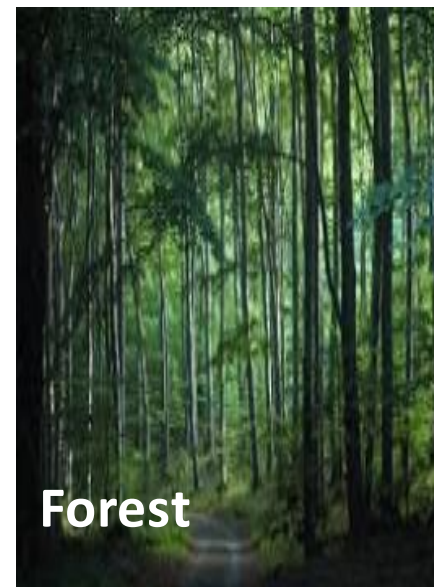
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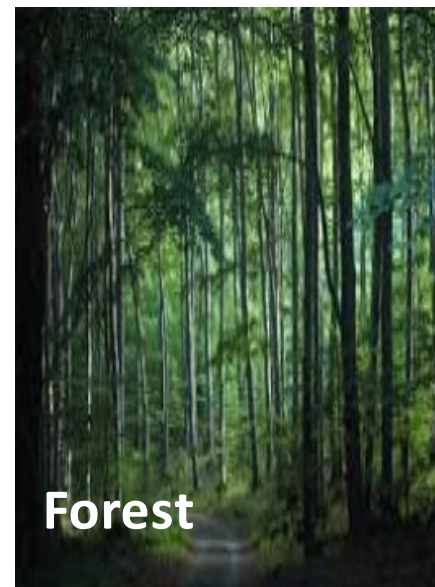
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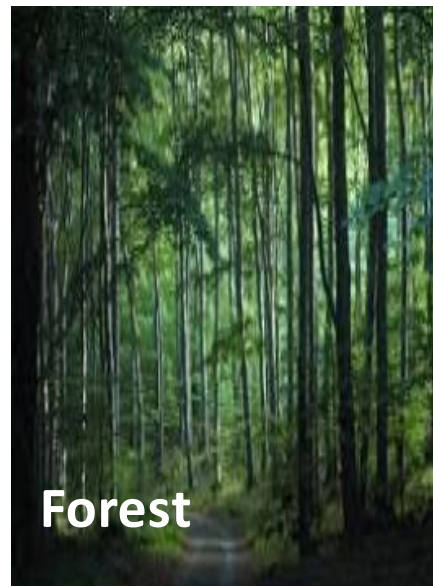
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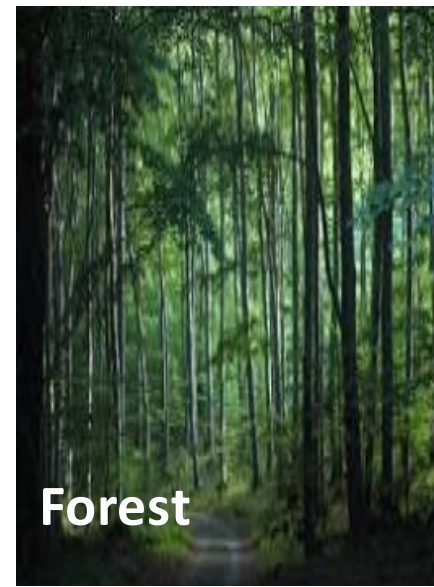




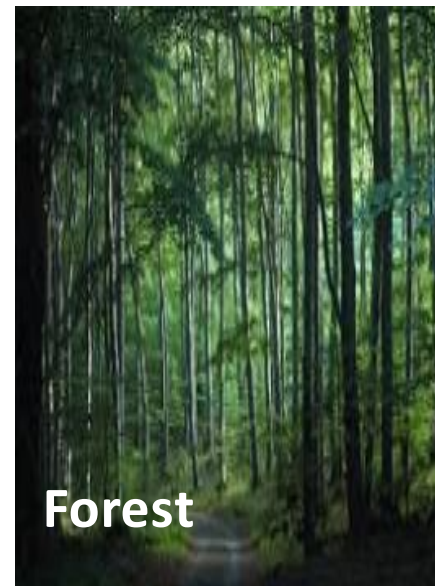
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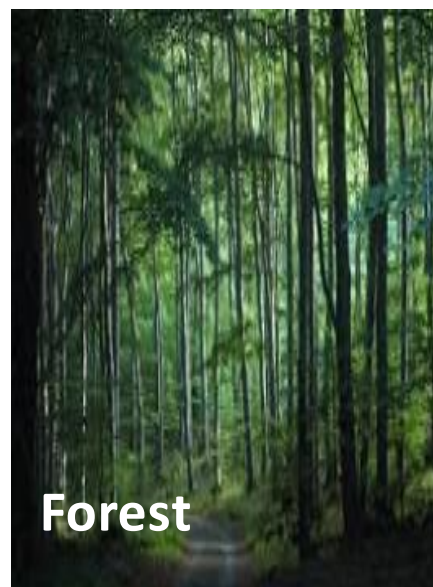
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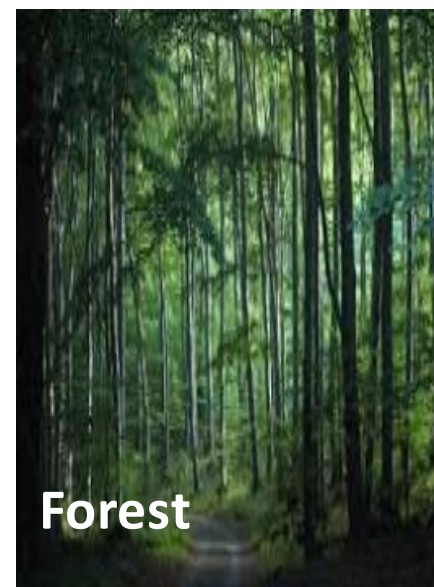
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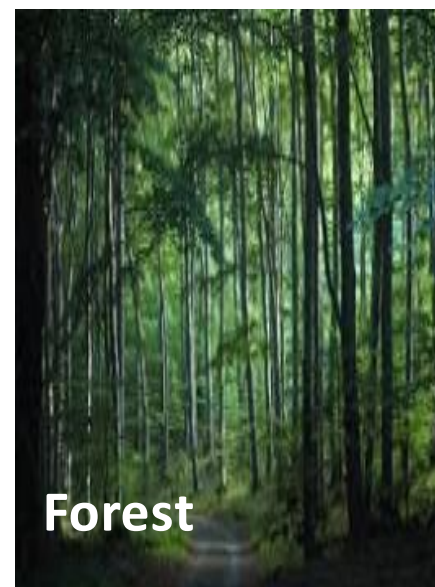
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## Do you Biome!

1. Take the fossil cards and pass them out until all of the cards are out.
2. Take the biome cards and mix them up. Then place them in the center upside down.
3. The dealer will flip over one biome card.
4. The first person to lay down a fossil that would give evidence to that environment wins the hand.
5. The person must be able to provide evidence for their claim.
6. The first person to win 10 hands is the winner.

## Do you Fossil!

1. Take the biome cards and pass them out until all of the cards are out.
2. Take the fossil cards and mix them up. Then place them in the center upside down.
3. The dealer will flip over one fossil card.
4. The first person to lay down a biome that the fossil would most likely be found in, wins.
5. The person must be able to provide evidence for their claim.
6. The first person to win 10 hands is the winner.

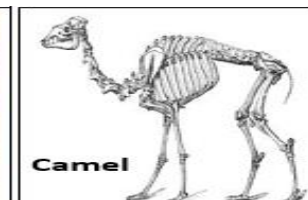
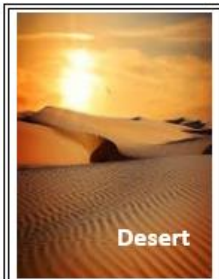
### Student Helper Sheet



### Student Helper Sheet



### Student Helper Sheet



# The Games Fossils Play

## Game 2 Memory Mixer

1. Mix up the cards in the deck.
2. Turn the cards over face down.
3. Flip over one card, and then flip over another card. If the fossil matches the environment it would give evidence for, you can pick up the match as long as you can provide an explanation.
4. Your objective is not just to get the most matches
5. The person who gets the most matches does not win unless he can turn over three of his cards and answer the questions on the back.

Game 3 Go Fossil! Only use the fossil cards for this game. Do not use the biome cards.

1. Choose a dealer
2. The dealer shuffles the cards and deals five cards to each person.
3. Place the rest of the cards face down in the center of the playing area.
4. Turn the top card face up and place it next to the deck. This is the card pile.
5. The player on the dealer's left starts the game.
6. Look at your cards and place down any matches.
7. You can ask any player for one card. If they have it, they must give them all to you.
8. If not they tell you to draw a card from the card pile.
9. When a player gets four of any card, they have created one book.
10. Play continues until someone runs out of cards.

Game 4 Angry Volcano! Only use the fossil cards for this game. Do not use the biome cards.

1. Fossils are not created in volcanos. They are too hot and will destroy the material.
2. Add one angry volcano card to the deck.
3. The dealer shuffles the cards and deals all the cards out.
4. The player on the dealer's left starts the game.
5. Look at your cards and place down any matches.
6. After putting down any matches, the player can pull one card from any person in the game.
7. If they pull a match put the match down.
8. The next person does the same thing. You don't want to get the Angry Volcano.
9. The person who gets rid of all their cards first wins. The person left with the Angry Volcano card loses.