

Learning Target: I can identify, describe, and explain how constructive processes occur.

Constructive Processes: Earth & Changes Over Time Assessment Prep

Part 1 Instructions: Match the correct vocabulary term with its definition.

Constructive process	Sand dune	Delta	Mountain	Tectonic plates
Volcano	Deposition	Wind	Earthquake	Island

1. _____ A landform that was formed by two tectonic plates being forced together which moves land upwards.
2. _____ A landform that is formed by wind moving and depositing sand in one place.
3. _____ The laying down or depositing of sediments on top of each other which builds up the landform.
4. _____ A series of actions that builds up or creates something new, rather than destroying or breaking something down. (Mountains, Deltas, Sand dunes)
5. _____ A landform created at the mouth of a river where sediment is deposited forming a triangular or fan-shaped plain.
6. _____ A force that moves sediment around and can deposit it into one place (how sand dunes are formed)
7. _____ Formed when lava from an ocean volcano cools and hardens, creating new land.
8. _____ The different rocky sections that make up the Earth and slowly slide past each other. Earthquakes may occur if they get stuck on each other.
9. _____ The shaking or trembling of the ground that happens when giant pieces of the Earth's crust, called tectonic plates, suddenly move and release energy.
10. _____ An opening or "vent" in the Earth's surface where hot, melted rock (called magma underground and lava when it comes out), ash, and gases erupt from deep inside the Earth.

Part 2 Instructions: Identify the following constructive processes below



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14.



15.



16.



17.



18.



19. Which two pictures show a constructive process?

A.



B.



C.



D.



20. What is the best way to show a sand dune being formed?

- A. Carve a line in the middle of playdoh and fill it with water.
- B. Add vinegar to baking soda inside of a bottle and watch it explode.
- C. Use a fan to blow salt or baby powder into one area until a hill is formed.
- D. Use a fan or hair dryer to blow water around inside a pan.

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21. How can we get more water to flow into the delta below?



- A. Have the water move slower into the delta.
- B. Increase the width of the river pouring water into the delta.
- C. Make the wind blow more into the delta.
- D. Add more water to the river that flows into the delta.