

Design Challenge Template

Unit: Earth's systems

Topic: Erosion

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| <p>Background:</p> <ul style="list-style-type: none">• the land around our lake house is getting smaller and smaller every year.• They need a way to keep the soil from eroding. | <p>Task:</p> <ul style="list-style-type: none">• Design something that will prevent further erosion. |
| <p>Materials/Tools:</p> <ul style="list-style-type: none">• soil• container (pan)• water• rocks• sticks• marshmallow• toothpicks | <p>Requirements/ Constraints:</p> <ul style="list-style-type: none">• needs to stay in place for a long period of time• prevent further erosion |