**WATER AND WIND EROSION LAB ACTIVITY**

**TASK CARDS**

**Directions: With your group, visit each of the activity tables and record your observations in the data chart.**

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| **Stream Box Investigation Procedure:**  In this activity, you will simulate a stream using a stream box and sand.  Before beginning, make a written prediction about what you think will happen.  **Procedure:**  1) Put on your safety goggles.  2) Place one block under the stream box.  3) Squirt the water from the bottle into the stream box.  4) Observe what happens as the water dribbles down.  5) Record observations on data chart.  6) Add small rocks across the soil and squirt water from the bottle into the stream box again.  7) Record observations on data chart. Were there any changes? |

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| **Wind Box Investigation Procedure:**  For this activity, you will be simulating wind erosion. You will use a bendy drinking straw, but instead of sucking through the straw you will blow through it. In addition, you won’t be putting your mouth near the bendy end of the straw. You will place your mouth at the end furthest from the bendy part. This will let you simulate wind blowing across the sand rather than down on it. Before beginning, make a written prediction about what you think will happen.  **Procedure:**  1) Put on safety goggles.  2) Have a member of the group blow across the sand with a straw.  3) Observe what happens.  4) Record observations on data chart.  5) Add small rocks across the sand and blow on sand again.  6) Record observations on data chart. |