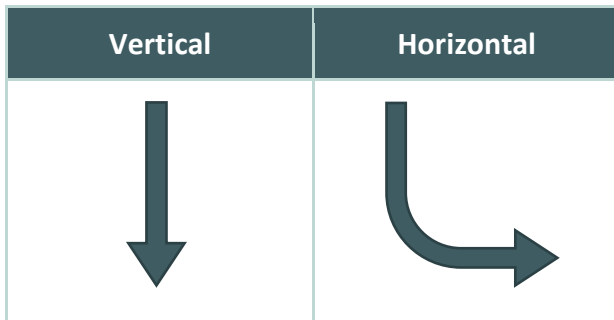


DRILLING FOR FILLING

Objectives:

- Determine whether vertical or horizontal drilling is more effective.



- Use the straw to extract the most filling, trying each method.

Materials:

- 2 – Twinkies
- 4 – Bendy Straws
- 2 – Writing Utensils (two different colors)
- 2 – Paper Plates

Drilling Records

Use the table below to measure the amount of filling in the straw. There are two rows to record your results for vertical drilling, one row for each partner. Use the rows for horizontal drilling in the same manner. Use one color for each partner when completing the table.

											Total Number of Squares
Vertical											
Horizontal											

Adapted from: Stem Labs. Ohio Natural Energy Institute. (n.d.). <https://www.ohionaturalenergy.org/stem-labs>