

Balancing Craft Stick

Materials: 1 small craft stick, 2 pipe cleaners, 2 clothes pins and
and 1 large craft stick

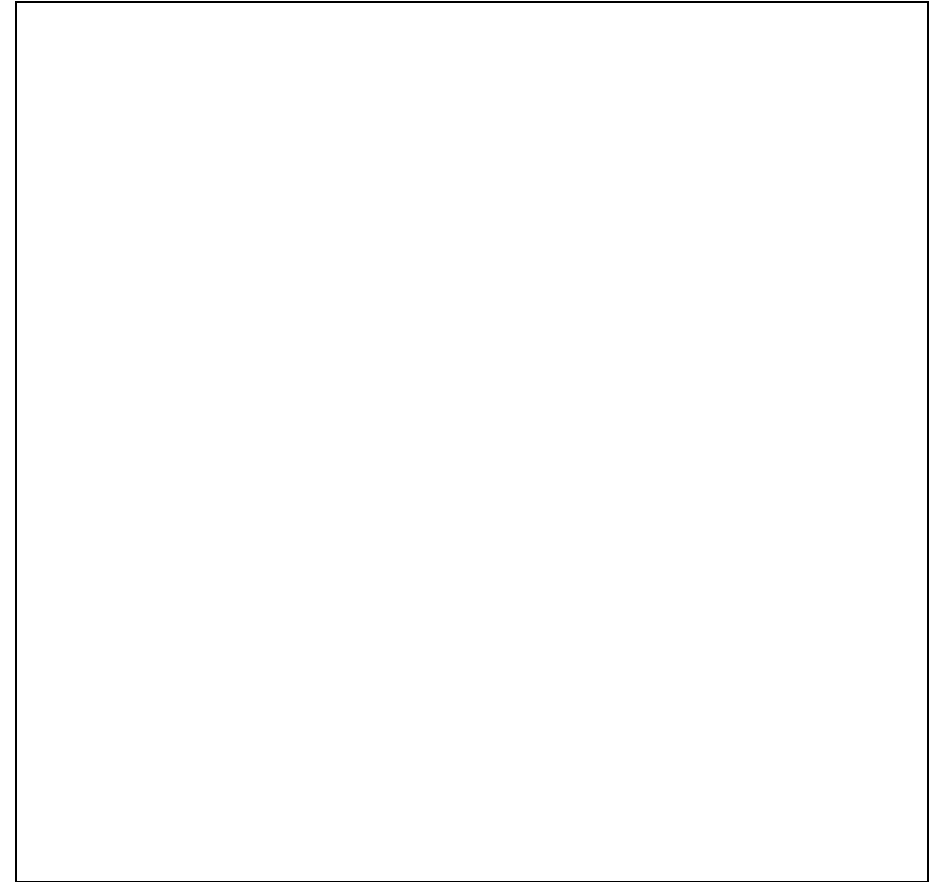
Balancing Craft Stick Building Instructions:

1. Wrap one end of the pipe cleaner tightly around the dotted line on the small craft stick two times. Then wrap the second pipe cleaner two times the small craft stick at the same place.
2. Clip a clothespin on the loose end of each pipe cleaner.
3. Place the large craft stick on the edge of a table so that it hangs over the edge about 2 inches.
4. Keep the large craft stick in place by holding it down with something heavy or tape. (if you use tape make sure it will not leave a mark or ruin the furniture.)
5. Now you are ready to balance the small craft stick on its tip on the large craft stick..

Observations:

1. Draw and Label the parts of your of your balancing craft stick.
2. Describe how you were able to balance the craft stick.

SAFETY: Be careful with pipe cleaners. They can poke you.



Claim and Evidence

The craft stick balances when

I know this because

★ For more information including example pictures and enrichment activities can be found by either scanning this QR code or visiting crossroads.spps.org/domain/11305

Questions to explore:

- What happens to the balance of the craft stick when you move the pipe cleaners above or below the dotted line?
- What else can you get to Balance?

STEM Vocabulary:

- Balance
- Stable
- Balance Point
- Counterbalance
- Unstable
- Center of Gravity
- Observation

Standards addressed in this activity:

MN Science Academic Standards

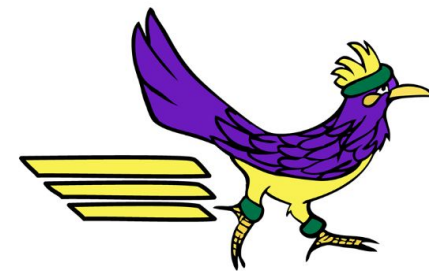
2.2.2.1.1 Describe an object's change in position relative to other objects or a background. **For example:** Forward, backward, going up, going down.

ISTE Standard: 5b

Students collect data or identify relevant data sets, use digital tools to analyze them, and represent data in various ways to facilitate problem-solving and decision-making.

More Information

The Inquiry Zone™ STEM Stations At Home!!!



Crossroads Elementary