



Brown Dog Summer Science

Sun Versus Shade



Materials:

- Printable recording sheet
- 2 baking sheets
- 2 of each item you would like to put on the trays
 - scissors, spoons, candy (chocolate, starburts, gum etc), coins, sticks, glass of water etc.Anything the students pick with in reason.
- A sunny day
- A shaded spot

Set Up:

1. Make two identical trays of items for the experiment.
2. Have the children record (make a picture) on the worksheet.
3. Place the items outside. One in a sunny location and the other in a shaded location.
4. Head back inside for a couple of hours

Doing the Experiment:

- Ask the children to predict what will happen to the items on each tray.
- Make a list on the board
- After a couple of hours, head outside and allow the children to make observations

How it Works:

This is a simple experiment that demonstrates the sun's heat as well as the difference between sun and shade. It helps young children understand that the sun radiates heat and can makes things hot.



Sun Versus Shade

What I think will happen...

SHADE



Observation

I observed...

Draw the objects you placed
on the baking sheet.

SUN



Observation

I observed...

Draw the objects you placed
on the baking sheet.