



Cause and Effect

2 years to 3 years

Objective: The child will understand that an action will get a reaction (cause and effect) after doing an experiment.

Materials needed:

Water

Empty cup

Procedures:

1. Fill up the cup half way with water.
2. Start by showing your child a cup with water in it. Let them feel the water. Use describing words like "wet and liquid" to tell them what it is.
3. Ask them: "Can you say water?"
4. Then say: "Now we are going to make the water hard. We are going to turn it into ice."
5. Showing your child, or letting them do it on own, put the cup of water in the freezer. Leave for at least 2 hours.

***WHILE YOU WAIT:** Have your child place a leaf under a white sheet of paper, and color on top



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looking at how the imprints of the leaf make rough markings on the paper while they color. CAUSE AND EFFECT!!!*

6. After water is frozen, take it out and show your child.

7. Be very expressive: "OH WOW! Look our water turned into ICE!" Ask: What happened to the water?

8. Let your child feel and touch the ice. Say words like "hard and cold" to your child to use describing words. Ask them to repeat those describing words after you.

Milestones to meet:

The child begins to understand cause and effect.
The child can repeat describing words to express how something feels.

Evaluation:

Did this lesson work for your child? Why or why not?