



Fizzy Fun

1 year to 2 years

Objective: The child learns about cause and effect and action/reactions, through exploration and experimentation.

Materials needed:

Empty water bottle (more than one is optional)

3 tablespoons Baking Soda

1 tablespoon Vinegar

Sprite (fill up bottle half way with it)

Food-Coloring (optional) - A few drops per bottle

Procedures:

1. Before hand: Put all ingredients listed above inside the empty water bottle.
2. Superglue the lid to the bottle so your child can not open the bottle to avoid mess and danger!
3. If you have more than one water bottle, make multiple of different colored ones for your child to explore and experiment with.



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4. Let your child shake, turn upside down, and explore the bottle. When shaking it up, watch with your child what happens. How the actions they make with the bottle causes the reactions of the ingredients inside.
5. Let them continue to explore until they show no further interest.
6. Remember to use action-describing words to explain to your child what is happening inside the bottle or what they may see. (I.e. "It is making bubbles" OR "The colors are fizzy") Ask them to "use their words" to repeat you. (I.e. Ask them: "Can you say fizzy?" OR "Can you say bubbles?")

Milestones to meet:

The child begins to explore how their actions causes a reaction. The child can say and repeat a word.

Evaluation:

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