



Science of Sugar Crystals

Sugar and water were mixed together in a clear glass jar. Many weeks later some discoveries were made. The sugar had formed crystals and were attached to the wooden stick inside each jar. The drops of food coloring that had been put in each sugar-water solution weeks before had now created a rainbow of sweet crystals!

Finally, the day had arrived! The children slowly pulled the stick from the syrupy mixture (taking a taste on the way) and compared the size, shape, smell, and the intensity of the colors. Social and emotional development include comparing discoveries of known objects (SED5).

Harper speculated on the dripping syrup: “Oh, it looks like slime”

Matias noted that his sugar crystals inside the jar looked “like a shelf inside the jar”

Myra commented on a clinking noise when she hit the crystals against the inside the jar: “it sounds like a bell when I do this!” The children’s use of expressive language is developing, as they use increasingly complex words and sentences to convey their ideas and observations.

The crystals were removed from the jars and left to drip-dry over the sink, then wrapped up and sent home for a treat. The children asked if they could make more crystals. As they continue to experience, explore and investigate objects in our environment, the children become increasingly sophisticated in pursuing knowledge.



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