**The Skittles Science Object Lesson**

The science behind the "Skittles Science" is water stratification, with the question: Why don't the colors mix? Each color has different properties - this creates a barrier that prevents the water from mixing unless the colors are purposely swirled around.

After putting the Skittles around the plate(white works best and I just used a heavy paper plate but it will work on a real plate as well) you have the kids pour warm water in the center until it reaches the Skittles.  The warmer the water the faster the colors will emerge.  I just used warmer tap water.

You can’t help to focus on and watch the colors run from the candies and form the beautiful rainbow of colors.  I equated that to always keeping our focus on Jesus and his teaching like they did while watching the colors move across the plate.  After that I asked, “What would happen if we mix all the colors together? The response was that the water would turn dark and muddy looking.  We talked about how our lives can get mixed up and at times become dark and muddy (like the skittles) when we aren't focused on and following what Jesus has taught us.