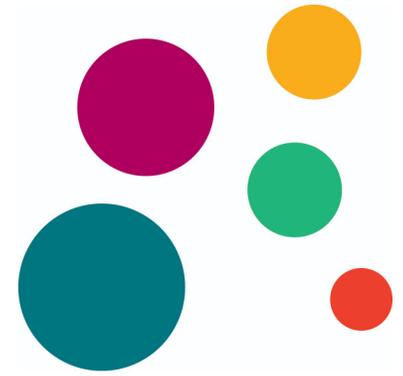


# BOOMbox at Home

## Candy Art

Candy may be fun to eat, but you can also use it as part of this science project. Enjoy some art before eating any leftovers.



### Supplies

- white plate or tray
- Skittles or other colorful hard candy
- water

### Instructions

- Separate your candy by color.
- Place the candy in a pattern on the plate or tray. Leave some space for the colors to spread! It might take a few tries to create the perfect picture.
- Carefully pour some water onto the plate or tray. The candies do not need to be fully submerged.
- Watch the colors spread as the candy dissolves.
- Take a photo to preserve your art project. If you'd like, you can remove the candy pieces first, but this may disrupt the colors.



### Want to explore more?

- This project was inspired by [this post from STEAM Powered Family](#). Take a look at their results!
- Why don't the colors mix together? This is because of a property called stratification. Each of the colors is made from different chemicals, and when they dissolve, they form solutions with different densities, salinities, etc.

- Why do the colors spread? This is because of a concentration gradient. In the area right around the candy, there is a high concentration of color whereas in the plain water, there is almost no color. The molecules that make up the colors move towards the areas with lower concentration, like people spreading out throughout a room instead of all sitting in one corner.
- Does this style of art remind you of any paintings you've seen before? Research pointillism, an art style made up of only dots like our round candies, and post-impressionism, an art style that can include the same sorts of swirls. For an extra challenge, try to recreate a famous piece.

*What will you learn today?*

*Send a photo of your project to [mycreation@skokielibrary.info](mailto:mycreation@skokielibrary.info) and we may feature it on social media.*