

The project on the next page goes along with the book *Ada Twist, Scientist* written by Andrea Beaty and illustrated by David Roberts.

In this story we meet young scientist, Ada Twist. She is full of curiosity and is determined to learn about the world around her through science and exploration!

For our art activity, we are creating sensory bottles using oil, water, paint, and glitter! These bottles can help teach toddlers that oil and water do not mix, especially when the children get to help make them!



MUSEUM CONNECTION

This activity is inspired by our Conservation Lab, where art conservators work to restore and preserve our art to be enjoyed by future generations! The conservation of its treasures for future generations is one of a Museum's most important and essential tasks.

Our conservation treatments are designed to be reversible and as minimally invasive as possible so that as new treatment methods and technologies emerge, they can be employed for

the restoration of a piece. And because we consider it our responsibility not to obscure the artist's original intent in creating the work, we strive to reintegrate any areas of treatment without drawing attention to our work.

Most of this conservation work takes place in the Conservation Lab, in the Education Building. Also, reminiscent of today's story, all our conservation staff are women!

STANDARDS:

IV.A.1

IV.A.2

IV.A.3

IV.F.1

IV.F.2

IV.F.3

IV.F.4

I.C.1

I.C.2

VIII.A.1

VIII.E.1

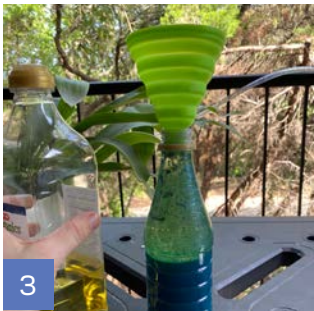
VIII.E.2

ACTIVITY

SENSORY BOTTLES

MATERIALS:
PLASTIC BOTTLE WITH LID, COOKING OR
BABY OIL, WATER, LIQUID WATERCOLOR PAINT
OR FOOD COLORING, GLITTER, FUNNEL.

DIFFICULTY LEVEL:
SIMPLE



DIRECTIONS

1. Add glitter and liquid watercolor or food coloring to your bottle.
The more you add, the more intense the color will be!
2. Using a funnel, fill your bottle halfway with water.
If you don't have a funnel, you can make one using a heavy piece of paper.
3. Using the funnel, fill the rest of your bottle with oil.
4. Seal your bottle by tightly securing the lid.
A bottle with a screw-top lid is recommended so none of the liquid escapes when it is shaken. For an additional seal, you can put hot glue around the base of the lid.
5. Shake your bottle and see what happens!
Will the oil and water stay mixed together or will it separate again?

WE WOULD LOVE TO SEE WHAT YOU CREATE!

Click [here](#) to share your masterpiece on our Family Programs Facebook Group!

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