

STEM ACTIVITY

THE BIRTH OF MOSES

Total Time: Approx. 20 minutes
In Class Time: 5—10 minutes

You will need:

- Shallow tub filled with about two inches of water
- Paper
- Scissors
- Markers



STEP 1: Make copies of the flower template—enough for each student to have two. You may want to have students cut their own flowers out to save prep time. If not, precut the flowers before class.

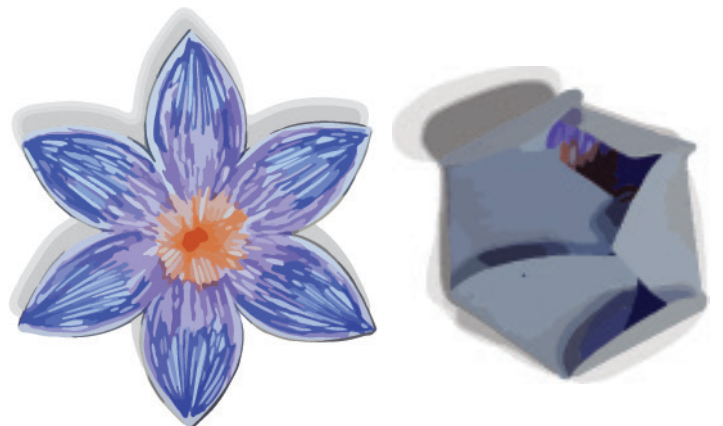
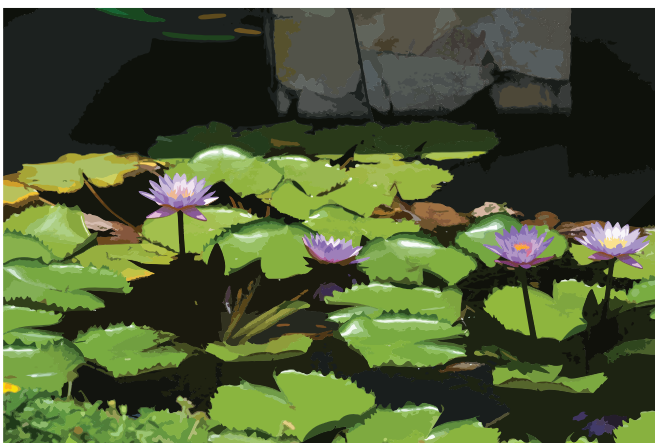
STEP 2: Cover surface with a towel and place the tub of water on the towel.

STEP 3: TEACH: In the video we watched, I'm sure you noticed a lot of things in the Nile River. Can you name some things you saw? (Allow for responses) I noticed some beautiful flowers! Today, we are going to make some beautiful flowers, called the Lotus of the Nile, to float down our "river". They will "bloom" as they float.

STEP 4: Give students two flowers each. Show the image of the Blue Lotus and instruct them to color the flowers with markers in various colors.

STEP 5: Instruct students to lightly fold all the leaves to the center, making sure not to crease.

STEP 6: Gather students around the tub. Have students line up to place their flowers in the "river" and allow them to watch as the flowers "bloom."



EXPLAINING THE SCIENCE:

Blue Lotus: This common lily of The Nile, is a tropical water lily that features day-blooming, star shaped flowers. It's light purple-blue petals spread flat on the water surface. In our experiment, the paper absorbs the water and causes the petals to open.

