

PENDULUM PAINTING

SUPPLIES

- 3 3-foot bamboo poles
- Squeeze Bottle with twist top
- Scissors
- Hole Punch
- Jute Twine
- Water-soluble paint
- Large pieces of paper
- Newspaper
- THIS IS AN OUTSIDE ACTIVITY! Be sure to choose a large enough outside space to paint with your pendulum set-up without getting paint on anything that will get messed up!



DIRECTIONS

1. Watch the video so you know what the pendulum paint set-up looks like
2. Make a tripod out of your 3 bamboo poles by lashing them together with some jute twine. You'll have lots of twine left over.
3. Ask an adult to help you to carefully cut off the bottom of your squeeze bottle
4. Use the hole punch to make two holes near the cut-off bottom edge of your bottle, on opposite sides
5. Cut a piece of twine about 6 feet long, and feed the twine through the holes in the bottle.
6. Tie the twine around the top of the tripod so that the bottle hangs upside down, about 2 inches above the floor.
7. Take your pendulum set-up OUTSIDE! Find a flat place you can set it up, and place newspaper over the ground under your pendulum. Choose your site carefully so you won't mess up anything with paint. Place a piece of paper under the tripod.
8. Make sure the twist top on your bottle is closed. Pour paint into the bottle. Add an equal amount of water to the paint and stir with a stick from outside. You want the paint thin enough that it will be able to come through the twist-top when you open it.
9. Carefully open the twist-top and give the bottle a gentle swing.
10. Notice how the pattern changes as the pendulum changes direction and slows down. Experiment!
11. Clean up EVERYTHING when you're finished painting.