

Gravity Painting: Explore gravity and create a masterpiece at the same time!

Materials:

- Baster or spoon
- Paint (washable tempera)
- Paper
- Hard background, such as a clipboard, cardboard or foam board
- Towel to collect excess paint
- Tray or plastic bin (optionals)

Try it!

1. Angle the hard background surface against something so that it is angled upright to allow paint to drip down the paper
2. Place a piece of paper on the background surface. Secure with a paperclip or binder clip if necessary.
3. Place a towel at the bottom of the paper to collect the drips of paint.
4. Mix a little bit of water to the paint so that the paint drips easily down the paper
5. Using the baster or the spoon, add paint to the top of the paper. Allow the paint to drip down the paper.
6. Try using different colors. Do they mix together to form new colors?

Guiding Questions:

- Why do you think the paint rolls down the paper?
- What do you think will happen if we turn the paper a different direction?
- What do you think would happen if you dropped more paint at the same time?

Learning Behind the Play

- Support children's scientific thinking by exploring how gravity works.
- Encourages children to experiment with how gravity transforms drops of paint into unique shapes and lines.
- Develops children's fine motor skills, as well as hand/eye coordination

Take It Further

Find other ways to play with gravity and paint. What happens if you dip objects such as balls, rocks, or toy cars in paint and then roll it down the paper? How are the designs similar and different?