



Inventing Time!

FALLING, FLYING, BLOWING IN THE WIND

Gather your kids and join us in the Invention Dimension! Julius Jr.'s Inventing Time activities give you simple ways to play with your kids that encourage their natural creativity!

Explore what makes something float, fall and blow in the wind with your kids!

Objects Needed to Create Your Invention:

- Floating/falling objects
- Folded up towel or cookie sheet (optional)
- Dental floss, tissue, tape
- Key ring (optional)
- Paper, markers, paper clips
- Paper cup or brown paper lunch bag, kitchen twine, tissue streamers
- Safe outdoor location where you could safely drop your creations without hitting anyone or getting too close to the edge (balcony with a railing, top of a staircase)

Step Inside the Box with Julius Jr.! Ask Your Kids:

- Have you ever wondered about what makes things fall, float or fly?
- What have you seen that can stay up in the air instead of falling straight down? What do those things have that keeps them up in the air?
- Let's test some objects by dropping them from a chair and seeing what happens. What do you think will happen when you drop (this object) to the floor?
- How can you fold this paper to make it fly?
- What did you notice about your paper's flight? What words would you use to describe this?
- What are some ways to change your paper's shape that does NOT help it fly? Why do you think that happened?
- Let's move our exploration outside and see what happens if we drop them from a higher place or if there is wind. What does the wind do to falling and flying objects?

Now to the Invention Dimension!

Invite your children to explore what types of things float downward when dropped versus falling quickly. Build a model parachute with dental floss, tape, tissue, and a key-ring as a passenger. Find a safe chair or stool from which your child can test the flight of the parachute. Invite your children to test other objects to see whether they float or fall.

