

STEM

starts now

Exploring Wind

Recommended Age: 36-41 Months

STEM concepts: Science (physical science), Technology (simple tools), Engineering, Math (measurement and spatial relationship)

Materials: a fan, a windy day, a straw, cotton ball, paper, a toy car, a small object, any other trial toys, a measuring tool – your child’s shoe is a good tool, a paper and pencil

What to do: Explore how wind moves things. This activity is meant to see how far things blow with different amounts of wind. Place a cotton ball on a table and have your child blow it. Measure how far it went. (For example, it went 5 shoes) Try to blow the cotton ball with a straw. Measure again and compare. Repeat blowing and blowing through a straw for paper, a small object and a toy car. Repeat these with a fan. Compare the differences.

Language and Communication:

Encourage your child to count the shoes and do the blowing. Make sure to talk about how the wind source is different. You can point out the difference between you blowing and your child.

Expand the Activity: Try this activity outdoors on a windy day.

