

The Big idea: *goal or objective of activity*
STEM
Problem Solving

What will students learn?

Core Standard
STEM

Life Skill?

Problem Solving
Decision making

Grade Level:

2nd -6th

Do Ahead:

Separate paint brushes by color—assign points
i.e. yellow--2
red 3
purple 4. Etc/

Reflection Activity:

Follow up:

(where do we go from here)

After School Activity Plan

Activity Title: Balloon Challenge

Background: *(What do children or staff need to know prior to this activity?)*

None

Supplies needed: *(be specific as to quantities, size, color, etc.)*

Box—shoe box

Cotton balls (at least 3 per team)

Balloons (at least 3 per team)

Chalk or other writing tool to keep score

Equipment needed *(set per each group of 4 children)*

Colored paint brushes

Time needed:

10-30 minutes

What to do:

Attach directions

Set box on side with opening facing out

Teams select a color paint brush to determine # of cotton balls they need to get into the box

each team is given # of cotton balls based on the color brush they select and a supply of balloons and told they need to use the balloons to propel as many of their cotton balls into the box within a time frame. (hands may not be used to move cotton balls) Chalk is used to keep score

Questions?

Questions to further discussion and spur children to explore deeper

Are there ways that seem “fair?”

How much time do you think teams should be given?