



Cosmic Club *Planet Party* Standards (Grades K-2)

Next Generation Science Standards (NGSS)

- K-PS2-1. Plan and conduct an investigation to compare the effects of different strengths or different directions of pushes and pulls on the motion of an object.
- 1-ESS1-1. Use observations of the sun, moon, and stars to describe patterns that can be predicted.
- 2-PS1-1. Plan and conduct an investigation to describe and classify different kinds of materials by their observable properties.

Colorado Academic Standards - Mathematics

- Evidence Outcomes - Students Can:
Directly compare two objects with a measurable attribute in common, to see which object has "more of"/"less of" the attribute, and describe the difference. For example, directly compare the heights of two children and describe one child as taller/shorter. (CCSS: K.MD.A.2)
- Evidence Outcomes - Students Can:
Express the length of an object as a whole number of length units, by laying multiple copies of a shorter object (the length unit) end to end; understand that the length measurement of an object is the number of same-size length units that span it with no gaps or overlaps. Limit to contexts where the object being measured is spanned by a whole number of length units with no gaps or overlaps. (CCSS: 1.MD.A.2)
- Evidence Outcomes - Students Can:
Estimate lengths using units of inches, feet, centimeters, and meters. (CCSS: 2.MD.A.3)