

Wright City Science Curriculum
(Kindergarten)

Grade	Kindergarten
Unit of Study	Matter
Length of Unit	12 Days
Sample Essential Questions	Sample Corresponding Big Ideas
How can we describe what an object looks like?	Objects can be different sizes, shapes, colors, and masses.
How can we describe the shape of an object?	Objects can be flat or solid shapes.
How can we describe the size of an object?	Objects can be big and small.
How can we use our senses to observe an object?	We can use our senses to describe an object's size, shape, color, and mass.

Missouri Learning Standards	
Priority Standards	Supporting Standards
<u>K.PS1.A.1</u> : Make qualitative observations of the physical properties of objects (size, shape, color, mass)	
<u>K.ETS1.B.1</u> : Develop a simple sketch, drawing, or physical model to illustrate how the shape of an object helps it function as needed to solve a given problem.	

Unit Sequence			
MLS	Topic(s)	Learning Targets	Academic Vocabulary
K.ETS1.B.1	Engineering	I can draw or build a model to show how the shape of something helps it do its job.	Shape, size, weight
K.PSI.A.1	Matter	I can observe and describe an object's shape, color, size, and mass. I can tell how objects are the same and different by their physical properties.	Observe, shape, color, size, mass, physical property

MLS	Learning Activities	
K.PSI.A.1	Day 1: What is an observation?	Must... ▾
K.PSI.A.1	Day 2: Observing size	Must... ▾
K.PSI.A.1	Day 3: Observing shape	Must... ▾
K.PSI.A.1	Day 4: Observing color	Must... ▾
K.PSI.A.1	Day 5: Observing mass	Must... ▾
K.PSI.A.1	Day 6: Rock Investigation	Must... ▾
K.ETS1.B.1	Day 7: Present a problem	Must... ▾
K.ETS1.B.1	Day 8: Plan and sketch	Must... ▾
K.ETS1.B.1	Day 9: Build a model	Must... ▾
K.ETS1.B.1	Day 10: Test and Observe	Must... ▾
K.ETS1.B.1	Day 11: Share and Explain	Must... ▾
K.ETS1.B.1	Day 12: Share and Explain	Opti... ▾

Assessments		
MLS	Description or Location	Rubric/Location

Additional Resources	
Matter Shape Sort	
Measuring Mass	