

Science

Benchmarks for Kindergarten

The following benchmarks are to be taught by all Kindergarten teachers in the Coloma Community School District.

Required Assessments are listed. All Kindergarten teachers will assess all students using the format and scoring guides (rubrics) specified in the assessment descriptions.

Strand	Standard	Benchmark	Assessment Required
III Life Science	#2 Organization of Living Things	#1 Explain characteristics and functions of observable body parts in a variety of animals.	Yes
	#3 Heredity	#1 Give evidence that characteristics are passed from parents to young.	Yes
	#5 Ecosystems	#2 Describe the basic requirements for all living things to maintain their existence.	Yes
	#5 Ecosystems	#4 Describe positive and negative effects of humans on the environment.	
IV Physical Science	#1 Matter and Energy	#1 Classify common objects and substances according to observable attributes/properties.	
	#1 Matter and Energy	#2 Identify properties of materials which make them useful.	
	#1 Matter and Energy	#5 Describe possible electrical hazards to be avoided at home and at school.	
	#2 Changes in Matter	#1 Describe common physical changes in matter: size, shape, melting, freezing	
	#3 Motion of Objects	#1 Describe and compare motion of common objects in terms of speed and direction.	
	#3 Motions of Object	#5 Manipulate simple mechanical devices and explain how their parts work together.	
	#4 Waves and Vibrations	#1 Describe sounds in terms of their properties.	
V Earth Science	#1 Geosphere	#2 Recognize and describe different types of earth materials.	
	#2 Hydrosphere	#3 Identify sources of water and its uses.	Yes
	#3 Atmosphere and Weather	#1 Describe weather conditions	
	#3 Atmosphere and Weather	#2 Describe seasonal changes in Michigan's weather.	
	#3 Atmosphere and Weather	#3 Explain appropriate safety precautions during severe weather.	
	#4 Galaxy and Universe	#1 Compare and contrast characteristics of the Sun, Moon, and Earth.	