



© 2023 All rights reserved Kildeer Countryside CCSD 96. Do not copy without permission.

23-24 Grade 4 Science Pacing Guide

4.0 Target	3.0 Target	T1	T2	T3
Earth Science				
Students have multiple ways to demonstrate extension. For more information or to see a scoring rubric, contact your child's teacher.	Identify evidence from patterns in rock formations and fossils in rock layers to support an explanation for changes in a landscape over time.			X
Students have multiple ways to demonstrate extension. For more information or to see a scoring rubric, contact your child's teacher.	Make observations and/or measurements to provide evidence of the effects of weathering or the rate of erosion by water, ice, wind, or vegetation.			X
Students have multiple ways to demonstrate extension. For more information or to see a scoring rubric, contact your child's teacher.	Develop a model of waves to describe patterns in terms of amplitude and wavelength and that waves can cause objects to move.			X
Physical Science				
Students have multiple ways to demonstrate extension. For more information or to see a scoring rubric, contact your child's teacher.	Use evidence to construct an explanation relating the speed of an object to the energy of that object.		X	
Students have multiple ways to demonstrate extension. For more information or to see a scoring rubric, contact your child's teacher.	Make observations to provide evidence that energy can be transferred from place to place by sound, light, heat, and electric currents.		X	
Students have multiple ways to demonstrate extension. For more information or to see a scoring rubric, contact your child's teacher.	Ask questions and predict outcomes about the changes in energy that occur when objects collide.		X	
Students have multiple ways to demonstrate extension. For more information or to see a scoring rubric, contact your child's teacher.	Obtain and combine information to describe that energy and fuels are derived from natural resources and their uses affect the environment.		X	
Life Science				
Students have multiple ways to demonstrate extension. For more information or to see a scoring rubric, contact your child's teacher.	Construct an argument that plants and animals have internal and external structures that function to support survival, growth, behavior, and reproduction.	X		
Students have multiple ways to demonstrate extension. For more information or to see a scoring rubric, contact your child's teacher.	Use a model to describe that animals receive different types of information through their senses, process the information in their brain, and respond to the information in different ways.	X		