



KINDERGARTEN SCIENCE PACING GUIDE

FIRST QUARTER				
UNIT	PACING	TOPICS	STANDARDS	LEARNING OBJECTIVES
	WEEKS1-5 Social Studies			
Living Things and the Environment	5 day Week 6	Unit 3 Lesson 1	• K.LS1.2	• Discover patterns that can be used to help them classify things as living or nonliving.
Using Our Senses	5 days Week 7	Unit 2 Lesson 1 Unit 2 Lesson 2	• K.PS4.1 • K.ETS1.2	• Investigate and communicate the idea that objects can only be seen when a light source is present. • Investigate and communicate the idea how sound can make matter vibrate and that vibrating matter can make a sound.
Properties of Objects	5 days Week 8	Unit 1 Lesson 2	• K.PS1.3	• Construct explanations about how an objective made of small pieces can break into pieces and be made into a new object.
Properties of Objects	5 days Week 9	Unit 1 Lesson 1 Unit 1 Lesson 3	• K.PS1.1 • K.PS1.2 • K.PS1.3 • K.ETS2.1	• Classify materials based on their properties. • Conduct investigations to understand that matter can exist in different states (i.e. solid and liquid) and has properties that can be observed and tested.
SECOND QUARTER				
UNIT	PACING	TOPICS	STANDARDS	LEARNING OBJECTIVES
Insects	5 days Week 10	Wonders Unit 2 Week 3	• K.LS1.1	• Describe characteristics of insects. • Classify bugs as insects or not insects
	Week 11 Social Studies			
Using our Senses	5 days Week 12	Unit 2 Lesson 2 Unit 2 Lesson 3	• K.PS4.1	• Investigate and communicate the ideas how sound can make matter vibrate and that vibrating matter can make sound. • Explaining that sound can change in volume or pitch.
	Week 13-15 Social Studies			
Engineering	5 days	Wonders Unit 4	• K.ETS1.1	• Explain that people find solutions to problems.

Design	Week 16	Week 1	• K.ETS1.2 • K.ETS1.3	• Identify engineers as people who solve problems • Identify the steps in the design process
	Week 17 Social Studies			
THIRD QUARTER				
UNIT	PACING	TOPICS	STANDARDS	LEARNING OBJECTIVES
Plants and Animals	14 days Weeks 18-20	Unit 3 Lesson 1 Wonders Unit 5 Week 1 Wonders Unit 5 Week 2	• K.LS1.3 • K.ESS3.1	• Construct explanations about the patterns of where plants live and their needs.
Weather	15 days Weeks 21-23	Unit 5 Lesson 1 Unit 5 Lesson 2 Unit 5 Lesson 3 Unit 5 Lesson 4	• K.ESS2.1 • K.ESS2.2 • K.ETS1.2 • K.ETS1.3 • K.ETS2.1	• Analyze and interpret data to describe and measure weather patterns.
Living Things in the Environment	10 day Weeks 24-25	Unit 3 lesson 2 Unit 3 Lesson 3	• K.LS1.1 • K.ESS3.1 • K.LS3.1	• Make observations about how plants and animals use their parts to model what they need to live and grow. • Make observations about how plants and animals are alike and different from their parents.
	WEEK 26-27 Social Studies			
FOURTH QUARTER				
UNIT	PACING	TOPICS	STANDARDS	LEARNING OBJECTIVES
	Weeks 28-31 Social Studies			
Protect Earth	5 days Week 32	Unit 4 lesson 1	• K.ESS3.1 • K.ETS1.1 • K.ETS1.2	• Identify and engage in discussions about natural resources and how their uses affects the environment
	Weeks 33-34 Social Studies		•	
Protect Earth	5 days Week 35	Unit 4 Lesson 2	• K.ESS3.3 • K.ETS1.2	• Communicate solutions that will effect humans on the land, water, air and/or other living things in the local environment

			• K.ETS1.3	
--	--	--	--	--