

Kindergarten Science Parent Syllabus

Listed below are learning targets your child will be expected to meet during each nine week term. Also included is the vocabulary that will be used in the classroom.

Term	Unit	Unit Topics	Unit Essential Question	Vocabulary
1	1	Engineering and Design Process Use an engineering design process to define a problem, design, construct, evaluate, and improve the solution.	What is the engineering design process?	problem, solution, design process, design, test
	2	Plants and Animals - Students will demonstrate an understanding of living and nonliving things. - Students will demonstrate an understanding of how animals use their physical features and their senses to learn about their environment.	What do living things need to live and grow?	living things, nonliving things, shelter, claim, evidence
2	3	Resources in Environments - Students will demonstrate an understanding of how humans use Earth's resources. - Students will demonstrate an understanding of the solid and liquid states of matter.	How can we save natural resources in our daily lives?	environment, natural resources, recycle, reduce, reuse
3	4	Weather - Students will demonstrate an understanding of the pattern of seasonal changes on the Earth. - Students will demonstrate an understanding that the Sun provides the Earth with heat and light.	How do light and heat from the sun affect Earth's surface?	heat, shade, temperature, weather pattern, weather report, severe weather
4	5	Pushes and Pulls Students will demonstrate the effect of a push and a pull on an object.	How can motion change?	motion, speed, direction, force