



**Community Consolidated
School District 46**

565 Frederick Road, Grayslake, IL 60030

23-24 First Grade Science Scope and Sequence

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Trimester 1	Trimester 2	Trimester 3
Structure, Function and Information Processing	Waves	Waves
1-LS1-1 Use materials to design a solution to a human problem by mimicking how plants and/or animals use their external parts to help them survive, grow, and meet their needs.	1-PS4-1 Plan and conduct investigations to provide evidence that vibrating materials can make sound and that sound can make materials vibrate.	1-PS4-2 Make observations to construct an evidence-based account that objects in darkness can be seen only when illuminated.
1-LS3-1 Make observations to construct an evidence based account that young plants and animals are like, but not exactly like, their parents	1-PS4-4 Use tools and materials to design and build device that uses light or sound to solve the problem of communicated over a distance.	1-PS4-3 Plan and conduct investigations to determine the effect of placing objects made with different materials in the path of a beam of light.
Engineering Design	Structure, Function and Information Processing	Engineering Design
K-2-ETS1-1 Ask questions, make observations, and gather information about a situation people want to change in order to define a simple problem that can be solved through the development of a new or improved object or tool.	1-LS1-1 Use materials to design a solution to a human problem by mimicking how plants and/or animals use their external parts to help them survive, grow and meet their needs.	K-2-ETS1-2 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.
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K-2-ETS1-3 Analyze data from tests of two objects designed to solve the same problem to compare the strengths and weaknesses of how ean performs.	1-LS3-1 Make observations to construct an evidence-based account that young plants and animals are like, but not exactly like, their parents.	
	Engineering Design	
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