



**Community Consolidated
School District 46**

565 Frederick Road, Grayslake, IL 60030

23-24 Third Grade Science Priority Standards

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Trimester 1	Trimester 2	Trimester 3
Forces and Interactions	Inheritance and Variation of Traits	Inheritance and Variation of Traits
3-PS2-1 Plan and construct an investigation to provide evidence of the effects of balanced and unbalanced forces on the motion of an object.	3-LS1-1 Develop models to describe that organisms have unique and diverse life cycles but all have in common birth, growth, reproduction, and death.	3-LS3-2 Use evidence to support the explanation that traits can be influenced by the environment.
3-PS2-2 Make observations and/or measurements of an object's motion to provide evidence that a pattern can be used to predict future motion.	3-LS3-1 Analyze and interpret data to provide evidence that plants and animals have traits inherited from parents and that variation of these traits exists in a group of similar organisms.	Interdependent Relationships in Ecosystems
3-PS2-3 Ask questions to determine cause and effect relationships of electric or magnetic interactions between two objects not in contact with each other	3-LS4-2 Use evidence to construct an explanation for how the variations in characteristics among individuals of the same species may provide advantages in surviving, finding mates, and reproducing.	3-LS4-1 Analyze and interpret data from fossils to provide evidence of the organisms and the environments in which they lived long ago.
3-PS2-4 Define a simple design problem that can be solved by applying scientific ideas about magnets.	Interdependent Relationships in Ecosystems	3-LS4-3 Construct an argument with evidence that in a particular habitat some organisms can survive well, some survive less well, and some cannot survive at all.
Engineering Design	3-LS2-1 Construct an argument that some animals form groups that help members survive.	3-LS4-4 Make a claim about the merit of a solution to a problem caused when the environment changes and the types of plants and animals that live there may change.
3-5-ETS1-2 Generate and compare multiple possible solutions to a problem based on how well each is likely to meet the criteria and constraints of the problem.		Engineering Design
3-5-ETS1-3 Plan and carry out fair tests in which variables are controlled and failure points are considered to identify aspects of a model or prototype that can be improved.		3-5-ETS1-1 Define a simple design problem reflecting a need or a want that includes specified criteria for success and constraints on materials, time, or cost.
		3-5-ETS1-2 Generate and compare multiple possible solutions to a problem based on how well each is likely to meet the criteria and constraints of the problem.