Scope and Sequence for Science/ Grade 3
2025-26

Unit Title	Duration	PA STEELS Standards
Unit One: *Life in Ecosystems*	8/24/2026 – 11/20/2026 **60 Instructional Periods**	**3.1.3.A** Develop models to describe that organisms have unique and diverse life cycles but all have in common birth, growth, reproduction, and death. **3.1.3.B** Construct an argument that some animals form groups that help members survive. **3.1.3.C** 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. **3.1.3.D** Use evidence to support the explanation that traits can be influenced by the environment. **3.1.3.E** Analyze and interpret data from fossils to provide evidence of the organisms and the environments in which they lived long ago. **3.1.3.F** 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. **3.1.3.G** 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. **3.1.3.H** Make a claim supported by evidence 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.
Unit Two: *Forces and Interactions*	11/23/2026 – 3/5/2027 **60 Instructional Periods**	**3.2.3.B** Plan and conduct an investigation to provide evidence of the effects of balanced and unbalanced forces on the motion of an object. **3.2.3.A** Make and communicate observations and/or measurements of an object's motion to provide evidence that a pattern can be used to predict future motion. **3.2.3.C** Ask questions to determine cause and effect relationships of electric or magnetic interactions between two objects not in contact with each other. **3.2.3.D** Define a simple design problem that can be solved by applying scientific ideas about magnets.
Unit Three: *Weather and Climate Patterns*	3/8/2027 – 6/4/2027 **60 Instructional Periods**	**3.3.3.A** Represent data in tables and graphical displays to describe typical weather conditions expected during a particular season. **3.3.3.B** Obtain and combine information to describe climates in different regions of the world. **3.3.3.C** Make a claim supported by evidence about the merit of a design solution that reduces the impacts of a weather-related hazard.

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