Little Scientists® Curriculum Scope and Sequence for NGSS*

A "hands-on" approach to learning.

Science and Engineering Practices	Disciplinary Core Ideas	Kindergarten	First Grade	Second Grade	Third Grade	Fourth Grade	Fifth Grade
Asking questions & defining problems, Developing & using models, Planning & carrying out investigations, Analyzing & interpreting data, Using mathematics & computational thinking, Constructing explanations & designing solutions, Engaging in argument from evidence, Obtaining, evaluating, & communicating information	**Physical Science**	**What is a Force?**	**What is Light?**	**What are Materials?** *ET	**What are Properties of Magnets?** *ET	**What is Energy?** *ET	**What is Chemistry?** *ET
			What is Sound?	**What is Engineering?**	**Force & Motion** *ET	**Light & Sound**	**What is Gravity?** *ET
	Life Science	**What is an Ecosystem?** *ET	**What are Plants?**	**Life Cycle of Plants**	**What is Heredity?**	**What are the Structures of Organisms?** *ET	**What is Energy Flow in an Ecosystem?** *ET
			What are Life Cycles? *ET	**What is Diversity?**	**What is Evolution?** *ET	**What are Senses?** *ET	
	Earth & Space Science	**What is Weather?**	**What is Our Sun?**	**What are Landforms?** *ET	**Rocks & Minerals**	**What are the Landforms on Earth?** *ET	**Why do we have Changing Seasons?** *ET
							Weather & Climate *ET
			What is the Solar System? *ET	**What is Water?** *ET	**What is Climate?** *ET	**How does Weather Affect Earth?** *ET	**How Can We Protect Earth's Resources?** *ET
	Engineering, Technology & Application of Science	**Can we Build it?** *ET					

This list represents those curriculum units that meet the NGSS; it is only a partial listing of available units. Please view the web site www.Little-Scientists.com for a complete list of Little Scientists Units or email us for custom requests.

* Based on the Next Generation National Science Education Standards 4.2013 http://www.nextgenscience.org/next-generation-science-standards

ET This Unit also addresses the Engineering, Technology & Application of Science core ideas

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