

Department of Agriculture - Integrated Pest Management
Alignment to *Maine Learning Results: Parameters for Essential Instruction and Common Core Standards*

ELA = English Language Arts, HE/PE = Health Education and Physical Education, MA = Mathematics, SCI = Science, SS = Social Studies, VPA = Visual and Performing Arts,
 ** Alignment possible only if lesson extension is done.

Lesson	IPM Grade/ Grade Span	MLR Grade/ Grade Span	Maine Learning Results	Common Core Standards for English and Mathematics
Let the Sun Shine In	Grades 2-3	PreK-2	<p>ELA - C. Research</p> <ul style="list-style-type: none"> C1. Students answer research questions by gathering information from print and non-print sources. <ul style="list-style-type: none"> b. Collect information for a specific purpose. c. Organize findings. d. Share information gathered using oral and visual examples. <p>SCI - B. Skills & Traits of Scientific Inquiry</p> <ul style="list-style-type: none"> B1. Students conduct and communicate results of simple investigations. <ul style="list-style-type: none"> a. Ask questions and make observations about objects, organisms, and events in the environment. b. Safely conduct simple investigations to answer questions. e. Use writing, speaking, and drawing to communicate investigations and explanations. **C1. Students describe the use of questions and accurate communication in scientists' work. <ul style="list-style-type: none"> a. Describe how scientific investigations involve asking and answering a question. b. Point out the importance of describing things and investigations accurately so others can learn about them or repeat them. <p>(**Extension: Students explain how questions and answers are important to their investigation and point out why it is important to accurately describe their observations.)</p>	<p>ELA - Writing:</p> <p>Grade 2: 2. Write informative/explanatory texts in which they introduce a topic, use facts and definitions to develop points, and provide a concluding statement or section.</p>

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Let the Sun Shine In <i>Cont.</i>			<p>E1. Biodiversity - Students describe similarities and differences in the observable behaviors, features, and needs of plants and animals.</p> <p>b. Describe some features of plants and animals that help them live in different environments.</p>	
		<p>Grades 3-5</p>	<p>ELA - C. Research</p> <p>C1. Students create, identify, and answer research questions by gathering information from print and non-print sources and documenting sources and communicating findings.</p> <p>c. Collect, evaluate, and organize information for a specific purpose.</p> <p>d. Communicate findings from a variety of print and non-print sources.</p> <p>SCI - B. Skills and Traits of Scientific Inquiry</p> <p>B1. Students plan, conduct, analyze data from, and communicate results of investigations.</p> <p>c. Use simple equipment, tools and appropriate metric units of measurement to gather data and extend the senses.</p> <p>d. Use data to construct and support a reasonable explanation.</p> <p>e. Communicate scientific procedures and explanations.</p>	<p>ELA - Writing</p> <p>Grade 3:</p> <p>3. Write narratives to develop real or imagined experiences or events using effective technique, descriptive details, and clear event sequences.</p> <p>a. Establish a situation and introduce a narrator and/or characters; organize an event sequence that unfolds naturally.</p> <p>b. Use dialogue and descriptions of actions, thoughts, and feelings to develop experiences and events or show the response of characters to situations</p> <p>Research to Build and Present Knowledge</p> <p>7. Conduct short research projects that build knowledge about a topic.</p>