

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
Ant Antics	Grades 7-8	Grades 6-8	<p>ELA - C. Research</p> <p>C1. Students propose and revise research questions, collect information from a wide variety of primary and/or secondary sources, follow the conventions of documentation to communicate findings.</p> <p>a. Determine the nature and extent of information needed.</p> <p>b. Locate and access relevant information.</p> <p>g. Summarize and interpret information presented in varied sources, and/or from field work, experiments, and interviews.</p> <p>SCI - B. Skills & Traits of Scientific Inquiry</p> <p>B1. Students plan, conduct, analyze data from, and communicate results of investigations, including simple experiments.</p> <p>b. Design and safely conduct scientific investigations including experiments with controlled variables.</p> <p>c. Use appropriate tools, metric units, and techniques to gather, analyze, and interpret data.</p> <p>e. Use logic, critical reasoning and evidence to develop descriptions, explanations, predictions and models.</p>	<p>ELA - Writing Standards for Literacy in History/Social Studies, Science and Technical Subjects 6-12</p> <p>Grades 6-8:</p> <p>2. Write informative/explanatory texts, including the narration of historical events, scientific procedures/experiments, or technical processes.</p> <p>b. Develop the topic with relevant, well-chosen facts, definitions, concrete details, quotations, or other information and examples.</p> <p>d. Use precise language and domain-specific vocabulary to inform about or explain the topic.</p> <p>4. Produce clear and coherent writing in which the development, organization, and style are appropriate to task, purpose, and audience.</p>