

**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
<b>Hygiene for Horror</b>	9-10	9-Diploma	<p>ELA - C. Research</p> <p>C1. Students develop research questions and modify them as necessary to elicit, present, and critique evidence from a variety of primary and secondary sources following the conventions of documentation.</p> <p style="padding-left: 20px;">a. Select and apply research methods that are appropriate for the purpose of the inquiry.</p> <p style="padding-left: 20px;">c. Synthesize information from varied sources and/or data gathered from fieldwork and interviews.</p> <p>HE/PE - A. Health Concepts</p> <p>A3. Diseases/Other Health Problems - Students explain causes of common diseases, disorders, and other health problems and propose ways to reduce, prevent, or treat them.</p> <p>A4. Environment and Personal Health - Students determine the interrelationship between the environment and other factors and personal health.</p> <p>SCI - C4. History and Nature of Science</p> <p>C4. Students describe the human dimensions and traditions of science, the nature of scientific knowledge, and historical episodes in science that impacted science and society.</p> <p style="padding-left: 20px;">b. Select and describe one of the major episodes in the history of science including how the scientific knowledge changed over time and any important effects on science and society.</p>	<p>ELA - <b>Reading Standards for Informational Texts</b></p> <p>2. Determine a theme or central idea of a text and analyze in detail its development over the course of the text, including how it emerges and is shaped and refined by specific details; provide an objective summary of the text.</p> <p>4. Determine the meaning of words and phrases as they are used in the text, including figurative and connotative meanings; analyze the cumulative impact of specific word choices on meaning and tone (e.g., how the language evokes a sense of time and place; how it sets a formal or informal tone).</p> <p><b>Writing:</b></p> <p>7. Conduct short as well as more sustained research projects to answer a question (including a self-generated question) or solve a problem; narrow or broaden the inquiry when appropriate; synthesize multiple sources on the subject, demonstrating understanding of the subject under investigation.</p>