

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
Doing Deadly Things	Grades 4-5	Grades 3-5	<p>ELA - B. Writing **B3. Students write to identify and explain position to an identified audience. a. Summarize information from reading, listening, or viewing. (**Extension: Students write a paragraph explaining some of the unintended consequences of using chemical controls.)</p> <p>C. Research C1. Students create, identify, and answer research questions by gathering information from Print and non-print sources and communicating findings. c. Collect, evaluate, and organize information for a specific purpose. d. Communicate findings from a variety of print and non-print sources.</p> <p>E. Listening & Speaking E1. Students apply active listening skills. b. Attend and respond appropriately to classmates and adults.</p> <p>MA - B. Data B2. <i>Grade 4</i> - Students collect and represent data in tables line plots, and bar graphs, and read and interpret these types of data. <i>Grade 5</i> - Students read, construct and interpret line graphs.</p>	<p>ELA - Reading: Foundational Skills <i>Grades 3, 4 & 5:</i> 4. Read with sufficient accuracy and fluency to support comprehension. a. Read on-level text with purpose and understanding.</p> <p>Reading: Informational Texts: <i>Grade 4</i> 1. Refer to details and examples in a text when explaining what the text says explicitly and when drawing inferences from the text.</p> <p><i>Grades 4 & 5:</i> 9. Integrate information from several texts on the same topic in order to write or speak about the subject knowledgeably</p> <p>Writing: <i>Grade 3:</i> **2. Write informative/explanatory texts to examine a topic and convey ideas and information clearly.</p> <p><i>Grade 4 & 5:</i> **2. Write opinion pieces on topics or texts, supporting a point of view with reasons and information</p>

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<p>Doing Deadly Things <i>Cont.</i></p>			<p>SCI - A. Unifying Themes A3. Constancy & Change - Students identify and represent basic patterns of change in the physical setting, the living environment, and the technological world. a. Recognize patterns of change including steady, repetitive, irregular, or apparently unpredictable change. b. Make tables or graphs to represent change. C3. Science & Technology - Students identify and describe the influences of science and technology on people and the environment. b. Give examples of changes in the environment caused by natural or man-made influences.</p> <p>VPA - B Creation, Performance, and Expression - Visual Arts B3. Making Meaning - Students create art works that communicate ideas, feelings, and meanings and demonstrate skill in the use of media, tools, techniques and processes.</p>	<p>Writing <i>Grade 4 :</i> 7. Participate in shared research and writing projects (e.g., explore a number of "how-to" books on a given topic and use them to write a sequence of instructions).</p> <p><i>Grade 5:</i> 7. Participate in shared research and writing projects (e.g., read a number of books on a single topic to produce a report; record science observations).</p>
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