

**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
<p><b>"GM"...It's Not Just a Car Anymore</b></p>	<p>9-10</p>	<p>9-Diploma</p>	<p>ELA - B. Writing            B3. Students write academic essays that structure ideas and arguments in a sustained and logical fashion.            E. Listening &amp; Speaking            E2. Students determine speaking strategies for formal and informal discussions, debates, or presentations appropriate to the audience and purpose.</p> <p>SCI - E. The Living Environment            E2. Students describe and analyze the interactions, cycles, and factors that affect short-term and long-term ecosystem stability and change.</p>	<p><b>ELA - Writing Standards</b>            4. Produce clear and coherent writing in which the development, organization, and style are appropriate to task, purpose, and audience. (Grade-specific expectations for writing types are defined in standards 1-3 above.)            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> <p><b>Speaking &amp; Listening:</b>            1. Initiate and participate effectively in a range of collaborative discussions (one-on-one, in groups, and teacher-led) with diverse partners on <i>grades 9-10 topics, texts, and issues</i>, building on others' ideas and expressing their own clearly and persuasively            4. Present information, findings, and supporting evidence clearly, concisely, and logically such that listeners can follow the line of reasoning and the organization, development, substance, and style are appropriate to purpose, audience, and task.</p>