

**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>Hopper Hunt</b>	Grades 7-8	Grades 6-8	<p>ELA - E2 Speaking            E2. Students adjust speaking strategies for formal and informal discussions, debates, or presentations appropriate to the audience and purpose.                a. Organize and present information logically.</p> <p>MA - B Data Analysis            B3. <i>Grade 8:</i> Students use the mean, median, mode, range, and quartiles to solve problems involving raw data and information from data displays.</p> <p>SCI - B. Skills &amp; Traits of Scientific Inquiry            B1. Students plan, conduct, analyze data from, and communicate results of investigations, including simple experiments.                b. Design and safely conduct scientific investigations including experiments with controlled variables.                c. Use appropriate tools, metric units, and techniques to gather, analyze, and interpret data.                e. Use logic, critical reasoning and evidence to develop descriptions, explanations, predictions and models.</p>	<p>ELA - <b>Speaking &amp; Listening</b>  <b>Grade 6:</b>            4. Present claims and findings, sequencing ideas logically and using pertinent descriptions, facts, and details to accentuate main ideas or themes; use appropriate eye contact, adequate volume, and clear pronunciation  <b>Grade 7:</b>            4. Present claims and findings, emphasizing salient points in a focused, coherent manner with pertinent descriptions, facts, details, and examples; use appropriate eye contact, adequate volume, and clear pronunciation  <b>Grade 8:</b>            4. Present claims and findings, emphasizing salient points in a focused, coherent manner with relevant evidence, sound valid reasoning, and well-chosen details; use appropriate eye contact, adequate volume, and clear pronunciation.</p>