

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
More Than Just Dust Bunnies	Grades 7-8	Grades 6-8	HE/PE - A. Health Concepts A4. Environment and Personal Health - Students determine how environment and other factors impact personal health. MA - B. Data Analysis <i>Grade 7:</i> B1. Students use graphs and charts to represent, organize, interpret, and draw inferences from data. a. Create tables, pictograms, bar graphs, line graphs, pie charts, stem and leaf plots, box and whiskers plots, and histograms using pencil and paper and electronic technologies. ** b. Draw conclusions based on graphs and charts including tables, pictograms, bar graphs, line pie charts, stem and leaf plots, box and whiskers plots, and histograms. (**Extension: Students must draw conclusions based on their graphing results.)	No alignment

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<p>More Than Just Dust Bunnies <i>Cont.</i></p>			<p>SCI - B. Skills & Traits of Scientific Inquiry & Tech. Design B1. Students plan, conduct, analyze data from, and communicate results of investigations, including simple experiments.</p> <ul style="list-style-type: none"> b. Design and safely conduct scientific investigations including experiments with controlled variables. c. Use appropriate tools, metric units, and techniques to interpret data. d. Use mathematics to gather, organize, and present data and structure convincing explanations. 	
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