

Science & Technology

ENTOMOLOGY LEVEL 3

[Table of Contents](#)

Rev. 09-20

Projects & Materials	Requirements	Exhibit Requirements
<p>Youth Materials:</p> <ul style="list-style-type: none"> • National 4-H Curriculum Teaming with Insects, Level 3 (#08442) 2014 • <i>ZSuites 4-H Involvement Report</i> • <i>ZSuites 4-H Project Record Book</i> <p>Volunteer Materials:</p> <ul style="list-style-type: none"> • National 4-H Curriculum Teaming with Insects Facilitators Guide (#08443) 2014 <p>Classification materials: (available on website)</p> <ul style="list-style-type: none"> • Field Guide to Insects of North Americas (Eaton/Kaufman) • Field Guide to Insects and Spiders (Evans) 	<p>Pre-requisites: Complete Entomology Level 2 (or approval of 4-H Professional)</p> <ul style="list-style-type: none"> • Using the “Teaming with Insects” Level 3 curriculum booklet: • Complete a minimum of 5 activities per year. • Complete all 15 activities within 3 years to pass Level 3. • Have your project helper date (month and year) and initial each activity when it is finished. • Give an oral presentation (speech, demonstration or illustrated talk) related to this project. <p>Complete the following:</p> <ul style="list-style-type: none"> • <i>ZSuites 4-H Involvement Report</i> • <i>ZSuites 4-H Project Record Book</i> <p>Note: *See “Special Directions” at the end of the Entomology Section for more information about this project.</p>	<ul style="list-style-type: none"> • ZSuites 4-H Project Record Book • ZSuites 4-H Involvement Report • 1st Year: Collection of at least 20 insects, including 1 incomplete and 1 complete metamorphosis and including 10 different insects you haven’t exhibited before (at least 10 identified to family; including at least 10 orders) or a specific collection.* • 2nd Year: Collection of 25 insects, including, using ethyl acetate to kil and preserve 10 different insects you haven’t exhibited before (at least 10 identified to family; including at least 10 orders) or specific collections.* • 3rd Year: Collection of 40 insects, including 1 incomplete and complete metamorphosis, and learning how to use UV light for nighttime collection, and including 15 different insects you haven’t exhibited before (at least 20 identified to family; including at least 8 orders) or a specific collection.* <p>OR</p> <ul style="list-style-type: none"> • A report of things you have learned or researched (such as results of observations of the life cycle and behavior of the monarch butterfly, a story you wrote about an insect, etc.). <p>OR</p> <ul style="list-style-type: none"> • A poster (14”x 22”) or display relating to some activity in Level 3 (life cycle display, spider’s web, plastic mount, framed butterflies, etc.). <p>Collection: Exhibit boxes should be approximately 18” x 12” or 25 insects or 18” x 24” for 50 insects, and about 3” to 3 ½” deep. Boxes should be covered with a plexiglass/clear plastic lid that can be removed. All insects must be mounted, labeled and identified to order, and should be organized by order.</p>
<p>County Requirements: Check with your County Extension office for more information.</p>		
<p>Support Materials: Idaho 4-H Entomology page: https://www.uidaho.edu/extension/4h/projects/entomology To order National 4-H Curriculum visit: https://shop4-h.org/products/entomology-curriculum-3-teaming-with-insects Facilitator Guide: https://shop4-h.org/products/entomology-curriculum-facilitators-guide</p>		
<p>Optional Supporting Materials: All items accessible at https://www.uidaho.edu/extension/4h/projects/entomology</p> <ul style="list-style-type: none"> • <i>Field Guide to Insects of North Americas (Eaton/Kaufman)</i> • <i>Field Guide to Insects and Spiders (Evans)</i> • <i>Preparing Insect Specimens for Exhibit (#82358)</i> • <i>Bug Guide (Iowa State University)</i> • <i>How To Make an Awesome Insect Collection (Purdue)</i> 		