

Science & Technology

AEROSPACE LEVEL 4

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Rev. 09-20

Projects & Materials	Requirements	Exhibit Requirements
<p>Youth Materials:</p> <ul style="list-style-type: none"> • National 4-H Curriculum <i>Pilot In Command, Stage 4, Aerospace Activity Guide (#BU-06845)</i> 📖 2003 • <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 <i>Aerospace Adventures Helper's Guide (#BU-06846)</i> 📖 2003 	<p>In the member's current Manual:</p> <ul style="list-style-type: none"> • Complete a minimum of 7 required/optional activities, plus 3 Learning Experiences (pg.4) each year. • Finish at least 20 of the required and optional activities within 3 years to pass each book. • 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> 	<ul style="list-style-type: none"> • ZSuites 4-H Project Record Book • ZSuites 4-H Involvement Report • An item made in this project. Suggested items: • Rocket made from a kit (Skill Level 3 or 4, include plans). • Box kite (include plans) • Any model rocket or airplane (Advanced skill level) not built from a kit (include plans). • Remote control airplane made from a kit (include plans). <p>OR</p> <ul style="list-style-type: none"> • A poster (14"x22") or display illustrating something you learned in this project this year. <p>OR</p> <ul style="list-style-type: none"> • Report of things you learned or researched. <p>Note: Exhibits should utilize only skills, tools, and techniques taught in that project book or previous levels. * <i>See Special Directions at end of Aerospace requirements.</i></p>
<p>County Requirements: Check with your County Extension office for more information.</p>		
<p>Supporting Materials: To order National 4-H Curriculum: https://shop4-h.org/collections/science-technology-engineering-math-curriculum/products/aerospace-adventures-curriculum-4-pilot-in-command Idaho 4-H Aerospace page: https://www.uidaho.edu/extension/4h/projects/aerospace-adventures Volunteer Guide: https://shop4-h.org/collections/science-technology-engineering-math-curriculum/products/aerospace-adventures-curriculum-helpers-guide</p>		
<p>*Special Directions Engines and igniters are not permitted with the exhibit. Rockets and other models must be able to stand freely on their own or be supported on a wooden base. Do not display rockets on a launch pad, or at an angle. Select a different item to exhibit for your second and third year within a given book; members wishing to build another rocket may select a different style within that skill level. For original design rockets or other models, describe in an attached summary how the model was tested for stability prior to flying.</p>		