## Science & Technology

### AEROSPACE

#### GRADERS 1-5

**Table of Contents**

<table>
<thead>
<tr>
<th>Projects &amp; Materials</th>
<th>Requirements</th>
<th>Exhibit Requirements</th>
</tr>
</thead>
</table>
| Lift-Off, Ages 8-10  | In the member’s current Manual:  
  - 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.  

  Complete the following:  
  - 4-H Involvement Report (#91910)  
  - 4-H Project Record Book (#91950) |  
  - 4-H Project Record Book (#91950)  
  - 4-H Involvement Report (#91910)  
  - An item you made in this project. Suggested items:  
    - Rocket made from a kit (Skill Level 1 or 2, include plans).  
    - Handmade Kite (include plans).  
    - Model airplane from a kit (include plans).  
    - Any model rocket or airplane (beginning skill level) not built from a kit (include plans).  
    - A poster (14”x22”) or display illustrating something you learned in this project this year.  
    - Report of things you learned or researched.  

  * See Special Directions at end of Aerospace requirements. |

| Youth Materials:  
  - National 4-H Curriculum *Lift-Off, Stage 2, Aerospace Activity Guide* (#06843)  
  - 4-H Involvement Report (#91910)  
  - 4-H Project Record Book (#91950)  

Volunteer Materials:  
  - National 4-H Curriculum *Aerospace Adventures Helper’s Guide* (#06846)  
  - *Aerospace Adventures CD* (#07605) |  

| County Requirements:  
  Check with your County Extension Office for more information. |

| Supporting Materials:  
  To order National 4-H Curriculum: [http://www.4-hmall.org/Category/4-hcurriculum-aerospace.aspx](http://www.4-hmall.org/Category/4-hcurriculum-aerospace.aspx)  
  Idaho 4-H Aerospace page: [https://www.uidaho.edu/extension/4h/projects/aerospace-adventures](https://www.uidaho.edu/extension/4h/projects/aerospace-adventures) |

---

*Note: Exhibits should utilize only skills, tools, and techniques taught in that project book or previous levels.*