<table>
<thead>
<tr>
<th>Project Number and Name</th>
<th>Skill Level*</th>
<th>Project Completion Requirements</th>
<th>County Requirements</th>
<th>State Fair Requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Electricity</strong></td>
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</tbody>
</table>
| 527 Magic of Electricity, Level 1 | B | At least 7 activities per year (3 main activities and 4 Brain Boosters)  
At least 2 leadership experiences  
Planning Guide  
(Use the same book 1-3 years.) | Judging: Interview with  
Judge, September 11,  
2021. Completed project  
book according to project  
guidelines. Educational  
display or poster on some  
aspect of your project.  
Fair Exhibit: Scrapbook,  
poster, or display | Engineering Excitement Day: completed  
project book, display, and interview |
| 528 Investigating Electricity, Level 2 | I | At least 7 activities per year (3 Required Activities and 4 Brain Boosters)  
At least 2 leadership experiences  
Planning Guide  
(Use the same book 1-3 years.) | Judging: Interview with  
Judge, September 11,  
2021. Completed project  
book according to project  
guidelines. Educational  
display or poster on some  
aspect of your project.  
Fair Exhibit: Scrapbook,  
poster, or display | Engineering Excitement Day: completed  
project book, display, and interview |
| 529 Wired for Power, Level 3 | I | At least 7 activities per year (3 Required Activities and 4 Brain Boosters)  
At least 2 leadership experiences  
Planning Guide  
(Use the same book 1-3 years.) | Judging: Interview with  
Judge, September 11,  
2021. Completed project  
book according to project  
guidelines. Educational  
display or poster on some  
aspect of your project.  
Fair Exhibit: Scrapbook,  
poster, or display | Engineering Excitement Day: completed  
project book, display, and interview |

* Project skill level indicates the project’s intended audience. B = Beginning level—for members with little or no experience in a project area, or 8 to 10 year olds; I = Intermediate level, for members with some experience in a project area, or 11 to 13 year olds; A = Advanced level—for experienced members in a project area, or 14 or older; and X = All levels—for all skill and age levels. Exceptions to these age guidelines are noted.
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<tr>
<td>530 Entering Electronics, Level 4</td>
<td>A</td>
<td>At least 7 activities per year (3 Required Activities and 4 Brain Boosters)</td>
<td>Judging: Interview with Judge, September 11, 2021. Completed project book according to project guidelines. Educational display or poster on some aspect of your project. Fair Exhibit: Scrapbook, poster, or display</td>
<td>Engineering Excitement Day: completed project book, display, and interview</td>
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<tr>
<td>531 Science Fun with Electricity</td>
<td>B</td>
<td>All interest areas Experiments and journals for each interest area</td>
<td>Judging: Interview with Judge, September 11, 2021. Completed project book according to project guidelines. Educational display or poster on some aspect of your project. Fair Exhibit: Scrapbook, poster, or display</td>
<td>Engineering Excitement Day: completed project book, display, and interview</td>
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