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<th>Project Number and Name</th>
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| 502 Science Fun with Flight (for ages 9-14) | B | Planning section  
All 7 interest areas  
At least 2 learning experiences  
At least 2 leadership/citizenship activities  
Build a glider or flyer, or a plastic model airplane or jet  
Project review  
Interview: Judging Day 1 | JUDGING: Bring completed project book and airplane to judging. Be prepared to answer questions.  
FAIR: Display your rocket or an educational display in your 4-H club booth. |
| 503 Rockets Away (Solid-Fuel Model Rockets) | B | Planning Your Project section  
All 3 interest areas  
At least 2 organized project activities  
At least 2 leadership/citizenship activities  
Build and launch a solid-fuel model rocket from a kit  
Project review  
Interview: Judging Day 1 | JUDGING: Bring completed project book and the rocket you built to judging. Be prepared to answer questions.  
FAIR: Display your rocket or an educational display in your 4-H club booth. |
| 503M Solid-Fuel Rocketry Master | A | One major solid-fuel rocketry project  
At least 2 learning experiences  
At least 2 citizenship activities  
Project records including interview, budget, and photos  
Interview: Judging Day 1 | JUDGING: Bring completed project book and the rocket you built to judging. Be prepared to answer questions.  
FAIR: Display your rocket or an educational display in your 4-H club booth. |
| **All-Terrain Vehicles (ATV)** | | | |
| 555 ATV Safety | X | Safety pledge  
All 9 activities  
Practice pages  
Practice and riding record  
At least 2 learning experiences  
At least 2 leadership/citizenship activities  
Interview: Judging Day 1 | JUDGING: Bring your completed project book and a poster or educational display. Be prepared to answer questions.  
FAIR: Display a poster or educational exhibit in your 4-H club booth. |
| **Bicycle** | | | |
| 517 Bicycling for Fun, Level I | B | At least 7 activities per year  
Complete the Bicycling for Fun Achievement Program within 2 years  
Complete Project Goals, Before and After, and Project Highlights sections  
Interview: Judging Day 1 | JUDGING: Bring your completed project book and poster or educational display. Be prepared to answer questions.  
FAIR: Display a poster or educational exhibit in your 4-H club booth. |
| 518 Wheels in Motion, Level 2 | I | At least 7 activities per year  
Complete the Bicycling for Fun Achievement Program within 2 years  
Complete Project Goals, Before and After, and Project Highlights sections  
Interview: Judging Day 1 | JUDGING: Bring your completed project book and poster or educational display. Be prepared to answer questions.  
FAIR: Display a poster or educational exhibit in your 4-H club booth. |
| **Chemistry** | | | |
| 493 Science Fun with Kitchen Chemistry | B | All 11 experiments  
At least 2 learning experiences  
At least 2 leadership/citizenship activities  
Project review  
Interview: Judging Day 1 | JUDGING: Bring your completed project book and a poster or educational display demonstrating what was learned. Be prepared to answer questions.  
FAIR: Display an educational exhibit or poster in your club booth. |
| **Electric Radio-Controlled Vehicles** | | | |
| 504 Electric Radio-Controlled Vehicles | I | All 10 activities and 3 records  
Safety checklist  
At least 2 learning experience  
At least 2 leadership/citizenship activities  
Interview: Judging Day 1 | JUDGING: Bring your completed project book and your Electric RC Vehicle. Be prepared to answer questions.  
FAIR: Display an exhibit in your club booth. |