

# California 4-H Record Book

## 4-H Science, Engineering and Technology (SET) Abilities & Life Skills

4-H members may want to include specific science, engineering and technology (SET) abilities and life skills in their Annual Project Reports and 4-H Story. These SET Abilities focus on learning and doing science, engineering and technology. These are in addition to the Life Skills Wheel (developed by Iowa State University).



### Is your 4-H project science, engineering or technology?

ALL projects use some SET abilities, even if the project is not listed as a science project.

### Where should SET abilities be listed on the Annual Project Report?

4-H members can document these SET abilities in the “Learning Experiences” boxes on the first page. On the back of the form, members may specifically list things they made, raised, grew or improved.

### 4-H Science, Engineering and Technology Abilities

Observe	Draw / Design
Categorize/Order/Classify	Build/Construct
Organize	Collect Data
Infer	Invent/Implement Solutions
Question	Test
Predict	Research a Problem
Hypothesize	Interpret/Analyze/Reason
Evaluate	Troubleshoot
State a Problem	Redesign
Plan an investigation	Optimize
Use Tools	Collaborate
Develop Solutions	Compare
Design Solutions	Model/Graph/Use Numbers
Problem Solve	Summarize/Relate
Measure	Demonstrate/Communicate to Others

### For more information

More information on the 4-H Science, Engineering and Technology (SET) Initiative is available at:  
<http://www.ca4h.org/projresource/SET/>

