



Science and Technology



Judging Sheets

If you want to print just one score sheet, advance to that page by either scrolling down or using the page indicator window in the lower left corner of your screen to advance page by page, click on the "print icon", then click "print current page."

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SCIENCE PROJECTS



Ribbon Awarded
(circle one)

- Blue
- Red
- White
- No Award

Name _____
 County _____
 Class _____
 Project _____

	Excellent	Good	Fair	Needs Improvement
Creativity: Ingenuity in design and development of project Creativity in design of the display				
Scientific Thought: The problem is stated clearly Collected data justifies the conclusion made The project ties in with related research Scientific literature or popular literature cited Solution workable and economically feasible				
Thoroughness: Project indicates understanding of topic Information is accurate Sufficient data collected Display represents complete story Notes complete, if used Conclusions based on single or multiple experiments?				
Skill: Project reflects 4-Her's own work Sturdy and well constructed Skilled use of tools and methods of science				
Clarity: Project is self-explanatory Neat and accurate, and appropriately used Visual aids an asset to understanding the project				
Follows exhibit requirements				

Comments (may be written on the back of the score sheet):

SCIENCE PROJECTS



Ribbon Awarded
(circle one)

- Blue
- Red
- White
- No Award

Name _____
 County _____
 Class _____
 Project _____

	Excellent	Good	Fair	Needs Improvement
Creativity: Ingenuity in design and development of project Creativity in design of the display				
Scientific Thought: The problem is stated clearly Collected data justifies the conclusion made The project ties in with related research Scientific literature or popular literature cited Solution workable and economically feasible				
Thoroughness: Project indicates understanding of topic Information is accurate Sufficient data collected Display represents complete story Notes complete, if used Conclusions based on single or multiple experiments?				
Skill: Project reflects 4-Her's own work Sturdy and well constructed Skilled use of tools and methods of science				
Clarity: Project is self-explanatory Neat and accurate, and appropriately used Visual aids an asset to understanding the project				
Follows exhibit requirements				

Comments (may be written on the back of the score sheet):

ENTOMOLOGY



Ribbon Awarded (circle one)
Blue Red White No Award

Name _____
 County _____
 Class _____
 Project _____

	Excellent	Good	Fair	Needs Improvement
General appearance of exhibit				
Correct number of insects (see st. fair bk.)				
Named insects				
Life cycles				
Insects collected during the current year				
Labeling (including name/place/date)				
Pinning (according to manual)				
Butterflies spread				
Classification				
Condition of insects				
Follows exhibit requirements				

Comments (may be written on the back of the score sheet):

ENTOMOLOGY



Ribbon Awarded (circle one)
Blue Red White No Award

Name _____
 County _____
 Class _____
 Project _____

	Excellent	Good	Fair	Needs Improvement
General appearance of exhibit				
Correct number of insects (see st. fair bk.)				
Named insects				
Life cycles				
Insects collected during the current year				
Labeling (including name/place/date)				
Pinning (according to manual)				
Butterflies spread				
Classification				
Condition of insects				
Follows exhibit requirements				

Comments (may be written on the back of the score sheet):

HONEY



Ribbon Awarded (circle one)
Blue Red White No Award

Name _____
 County _____
 Class _____
 Project _____

	Excellent	Good	Fair	Needs Improvement
Color				
Body				
Flavor				
Clarity and freedom from contamination				
Neatness of container (if applicable)				
Follows exhibit requirements				

Comments (may be written on the back of the score sheet):

HONEY



Ribbon Awarded (circle one)
Blue Red White No Award

Name _____
 County _____
 Class _____
 Project _____

	Excellent	Good	Fair	Needs Improvement
Color				
Body				
Flavor				
Clarity and freedom from contamination				
Neatness of container (if applicable)				
Follows exhibit requirements				

Comments (may be written on the back of the score sheet):

**MODEL ROCKET/
MODEL AIRPLANE/OTHER**



Ribbon Awarded
(circle one)

Blue
Red
White
No Award

Name _____
County _____
Class _____
Project _____

	Excellent	Good	Fair	Needs Improvement
General appearance: Pleasing to look at Clean and neat, unnoticeable pencil or chalk marks Used principles and elements of good design				
Workmanship: Smooth and free of dents or nicks Fins/Wings/Landing gear spaced and aligned with body tube Parts in place & correct (i.e. Propellers, Engine block, launchlog, shock cord, parachute/streamer) Paint smooth and evenly applied Numbering/lettering neat and even Rocket - Nose cone ejects freely Overall impression - appearance and function				
Level of skill required				
Follows exhibit requirements				

Comments (may be written on the back of score sheet):

**MODEL ROCKET/
MODEL AIRPLANE/OTHER**



Ribbon Awarded
(circle one)

Blue
Red
White
No Award

Name _____
County _____
Class _____
Project _____

	Excellent	Good	Fair	Needs Improvement
General appearance: Pleasing to look at Clean and neat, unnoticeable pencil or chalk marks Used principles and elements of good design				
Workmanship: Smooth and free of dents or nicks Fins/Wings/Landing gear spaced and aligned with body tube Parts in place & correct (i.e. Propellers, Engine block, launchlog, shock cord, parachute/streamer) Paint smooth and evenly applied Numbering/lettering neat and even Rocket - Nose cone ejects freely Overall impression - appearance and function				
Level of skill required				
Follows exhibit requirements				

Comments (may be written on the back of score sheet):

COMPUTER TECHNOLOGY



Ribbon Awarded
(circle one)

Blue
Red
White
No Award

Name _____
County _____
Class _____
Project _____

	Excellent	Good	Fair	Needs Improvement
All: No technical problems, all functions work properly Clear focus, well-structured Appealing style, good color combinations Consistent design Correct spelling and grammar Quality images Printed copy is complete and neat Creativity and originality Follows exhibit requirements				
Computer Program: Ease of use Usefulness of program Powerpoint Presentation: Different slide transitions are used Website or Blog: Site loads quickly and good site navigation				

Comments (may be written on the back of the score sheet):

COMPUTER TECHNOLOGY



Ribbon Awarded
(circle one)

Blue
Red
White
No Award

Name _____
County _____
Class _____
Project _____

	Excellent	Good	Fair	Needs Improvement
All: No technical problems, all functions work properly Clear focus, well-structured Appealing style, good color combinations Consistent design Correct spelling and grammar Quality images Printed copy is complete and neat Creativity and originality Follows exhibit requirements				
Computer Program: Ease of use Usefulness of program Powerpoint Presentation: Different slide transitions are used Website or Blog: Site loads quickly and good site navigation				

Comments (may be written on the back of the score sheet):

ELECTRICITY



Ribbon Awarded (circle one)
Blue Red White No Award

Name _____
 County _____
 Class _____
 Project _____

	Excellent	Good	Fair	Needs Improvement
Workmanship: Proper wire size & type for load Wires properly routed & secured Wiring protected from sharp edges Wire-to-wire connections soldered properly, proper size squeezed connector or proper terminal connection Weatherproof devices & connectors use if item is used outside or in damp location Wires in plugs, connector bodies, receptacles & switches properly covered to prevent contact with bare wires Screws & mechanical connections properly tightened Polarization & color coding of wiring followed Neatness Appliance works properly (if not, documentation of problems explained)				
Safety: Electrical devices & metal components grounded Material & devices are U.L. approved Purchased materials & devices appropriate & safe Project is safe & appropriate for intended use				
Exhibit Presentation Written report clear, neat & demonstrates knowledge, understanding & applications of concepts				
Follows exhibit requirements				

Comments (may be written on the back of the score sheet):

ELECTRICITY



Ribbon Awarded (circle one)
Blue Red White No Award

Name _____
 County _____
 Class _____
 Project _____

	Excellent	Good	Fair	Needs Improvement
Workmanship: Proper wire size & type for load Wires properly routed & secured Wiring protected from sharp edges Wire-to-wire connections soldered properly, proper size squeezed connector or proper terminal connection Weatherproof devices & connectors use if item is used outside or in damp location Wires in plugs, connector bodies, receptacles & switches properly covered to prevent contact with bare wires Screws & mechanical connections properly tightened Polarization & color coding of wiring followed Neatness Appliance works properly (if not, documentation of problems explained)				
Safety: Electrical devices & metal components grounded Material & devices are U.L. approved Purchased materials & devices appropriate & safe Project is safe & appropriate for intended use				
Exhibit Presentation Written report clear, neat & demonstrates knowledge, understanding & applications of concepts				
Follows exhibit requirements				

Comments (may be written on the back of the score sheet):

WOODWORKING



Ribbon Awarded
(circle one)

- Blue
- Red
- White
- No Award

Name _____
 County _____
 Class _____
 Project _____

	Excellent	Good	Fair	Needs Improvement
Quality of workmanship Pieces cut proper length Accurate, uniform, smooth cuts Free of chipping, dents, etc. Woodcarving details are clean, uniform Joints fit snugly, with even edges or uniform overlap Fasteners used properly (nails, screws, adhesives)				
Results Dry, smooth, uniform Free of dust specks, brush bristles, runs, sags Free of planer marks & cross-grain sanding marks Free of pencil marks, scratches, dents (unless rustic design)				
Exhibit Presentation Attractive, well proportioned Can serve purpose for which item is intended Proper selection of wood for use				
Follows exhibit requirements				

Comments (may be written on the back of the score sheet):

WOODWORKING



Ribbon Awarded
(circle one)

- Blue
- Red
- White
- No Award

Name _____
 County _____
 Class _____
 Project _____

	Excellent	Good	Fair	Needs Improvement
Quality of workmanship Pieces cut proper length Accurate, uniform, smooth cuts Free of chipping, dents, etc. Woodcarving details are clean, uniform Joints fit snugly, with even edges or uniform overlap Fasteners used properly (nails, screws, adhesives)				
Results Dry, smooth, uniform Free of dust specks, brush bristles, runs, sags Free of planer marks & cross-grain sanding marks Free of pencil marks, scratches, dents (unless rustic design)				
Exhibit Presentation Attractive, well proportioned Can serve purpose for which item is intended Proper selection of wood for use				
Follows exhibit requirements				

Comments (may be written on the back of the score sheet):