## **Dallas Christian Academy Science Fair**

Title and Project Number			95-100 = Sweepstakes 90-94 = First Place 80-89 = Second Place <79 = Third Place		
Research 15 points	Minimal				Excellent
Purpose was clearly stated with testable hypothesis	1	2	3	4	5
Well organized research paper and documentation	1	2	3	4	5
5 or more scientific resources properly cited (APA format)	1	2	3	4	5
		Res	earch Ques	stion Total	
Design and Methodology 20 points	Minimal				Excellent
Experimental procedures were well designed and reproducible	1	2	3	4	5
Data collection methods were well designed	1	2	3	4	5
Independent & Dependent Variables were identified, appropriate, and complete	1	2	3	4	5
Controls were identified, appropriate, and complete	1	2	3	4	5
		Design an	d Methodo	logy Total	
	1	-			
Data Collection, Analysis, and Interpretation 15 points	Minimal				Excellent
Data collection was systematic and precise	1	2	3	4	5
Data analysis used appropriate application of mathematical methods & equations	1	2	3	4	5
5 or more trials conducted	1	2	3	4	5
			Execu	tion Total	
Creativity 15 points	Minimal				Excellent
Research question was unique	1	2	3	4	5
Research question was unique Design used to solve the problem was innovative	1	2	3	4	5
Design used to solve the problem was innovative	1	2	3	4	5
Design used to solve the problem was innovative Analysis and interpretation of the data was original	1	2	3	4	5
Design used to solve the problem was innovative Analysis and interpretation of the data was original Presentation	1	2	3	4	5
Design used to solve the problem was innovative Analysis and interpretation of the data was original Presentation Blackboard/Multimedia 15 points	1 1 Minimal	2 2	3 3 Creat	4 4 Sivity Total	5 5 Excellent
Design used to solve the problem was innovative Analysis and interpretation of the data was original Presentation Blackboard/Multimedia 15 points Material was logically organized	1 1 Minimal	2 2	3 3 Creat	4 4 civity Total 4	5 5 Excellent 5
Design used to solve the problem was innovative Analysis and interpretation of the data was original  Presentation Blackboard/Multimedia 15 points Material was logically organized Clarity in the graphics and supporting documentation was displayed	1 1 Minimal 1 1	2 2 2 2 2 2	3 3 Creat	4 4 Sivity Total 4 4	5 5 Excellent 5 5
Design used to solve the problem was innovative Analysis and interpretation of the data was original  Presentation Blackboard/Multimedia 15 points  Material was logically organized Clarity in the graphics and supporting documentation was displayed Correct Spelling and Grammar	1 1 Minimal 1 1 1	2 2	3 3 Creat	4 4 civity Total 4	5 5 Excellent 5 5 5
Design used to solve the problem was innovative         Analysis and interpretation of the data was original         Presentation         Blackboard/Multimedia       15 points         Material was logically organized         Clarity in the graphics and supporting documentation was displayed         Correct Spelling and Grammar         Interview       20 points	1 1 Minimal 1 1 1 Ninimal	2 2 2 2 2 2 2	3 3 Creat	4 4 5 <b>ivity Total</b> 4 4 4	5 5 Excellent 5 5 5 Excellent
Design used to solve the problem was innovative         Analysis and interpretation of the data was original         Presentation         Blackboard/Multimedia       15 points         Material was logically organized         Clarity in the graphics and supporting documentation was displayed         Correct Spelling and Grammar         Interview       20 points         Clear, concise, and thoughtful responses to questions	1 1 Minimal 1 1 1 Minimal 1	2 2 2 2 2 2 2	3 3 Creat	4 4 5 <b>ivity Total</b> 4 4 4	5 5 Excellent 5 5 5 Excellent 5
Design used to solve the problem was innovative         Analysis and interpretation of the data was original         Presentation         Blackboard/Multimedia       15 points         Material was logically organized         Clarity in the graphics and supporting documentation was displayed         Correct Spelling and Grammar         Interview       20 points         Clear, concise, and thoughtful responses to questions         Understanding of the basic science relevant to the project	1 1 Minimal 1 1 1 Minimal 1 1 1	2 2 2 2 2 2 2 2 2 2 2 2	3 3 Creat	4 4 5 <b>ivity Total</b> 4 4 4 4 4	5 5 Excellent 5 5 5 Excellent 5 5
Design used to solve the problem was innovative         Analysis and interpretation of the data was original         Presentation         Blackboard/Multimedia       15 points         Material was logically organized         Clarity in the graphics and supporting documentation was displayed         Correct Spelling and Grammar         Interview       20 points         Clear, concise, and thoughtful responses to questions         Understanding of the basic science relevant to the project         Understanding of conclusions and limitations to the research	1 1 Minimal 1 1 1 Minimal 1 1 1 1 1	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	3 3 Creat	4 4 <b>ivity Total</b> 4 4 4 4 4 4 4	5 5 Excellent 5 5 Excellent 5 5 5 5 5 5
Design used to solve the problem was innovative         Analysis and interpretation of the data was original         Presentation         Blackboard/Multimedia       15 points         Material was logically organized         Clarity in the graphics and supporting documentation was displayed         Correct Spelling and Grammar         Interview       20 points         Clear, concise, and thoughtful responses to questions         Understanding of the basic science relevant to the project	1 1 Minimal 1 1 1 Minimal 1 1 1	2 2 2 2 2 2 2 2 2 2 2 2	3 3 Creat	4 4 5 ivity Total 4 4 4 4 4 4 4 4 4	5 5 Excellent 5 5 Excellent 5 5
Design used to solve the problem was innovative         Analysis and interpretation of the data was original         Presentation         Blackboard/Multimedia       15 points         Material was logically organized         Clarity in the graphics and supporting documentation was displayed         Correct Spelling and Grammar         Interview       20 points         Clear, concise, and thoughtful responses to questions         Understanding of the basic science relevant to the project         Understanding of conclusions and limitations to the research	1 1 Minimal 1 1 1 Minimal 1 1 1 1 1	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	3 3 Creat	4 4 <b>ivity Total</b> 4 4 4 4 4 4 4	5 5 Excellent 5 5 Excellent 5 5 5 5 5 5
Design used to solve the problem was innovative         Analysis and interpretation of the data was original         Presentation         Blackboard/Multimedia       15 points         Material was logically organized         Clarity in the graphics and supporting documentation was displayed         Correct Spelling and Grammar         Interview       20 points         Clear, concise, and thoughtful responses to questions         Understanding of the basic science relevant to the project         Understanding of conclusions and limitations to the research	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	3 3 Creat 3 3 3 3 3 3 9 Presenta	4 4 5 ivity Total 4 4 4 4 4 4 4 4 4	5 5 Excellent 5 5 Excellent 5 5 5 5 5 5
Design used to solve the problem was innovative         Analysis and interpretation of the data was original         Presentation         Blackboard/Multimedia       15 points         Material was logically organized         Clarity in the graphics and supporting documentation was displayed         Correct Spelling and Grammar         Interview       20 points         Clear, concise, and thoughtful responses to questions         Understanding of the basic science relevant to the project         Understanding of conclusions and limitations to the research were discussed	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	3 3 Creat 3 3 3 3 3 3 9 Presenta	4 4 5 ivity Total 4 4 4 4 4 4 4 4 4	5 5 Excellent 5 5 Excellent 5 5 5 5 5 5
Design used to solve the problem was innovative         Analysis and interpretation of the data was original         Presentation         Blackboard/Multimedia       15 points         Material was logically organized         Clarity in the graphics and supporting documentation was displayed         Correct Spelling and Grammar         Interview       20 points         Clear, concise, and thoughtful responses to questions         Understanding of the basic science relevant to the project         Understanding of conclusions and limitations to the research         Potential impact was recognized and ideas for future research were discussed	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	3 3 Creat 3 3 3 3 3 3 9 Presenta	4 4 5 ivity Total 4 4 4 4 4 4 4 4 4	5 5 Excellent 5 5 Excellent 5 5 5 5 5 5