

Agriscience Fair Convention Interview - Division 1, 3, 5. Grade 7-12

	High Points	Medium Points	Low Points
Knowledge Gained Score: _____	30 to 22 <ul style="list-style-type: none"> • There is evidence the student has acquired <u>scientific skills</u> and/or knowledge by doing the project. • The students exhibits knowledge of the scope and limitations of the problem selected. • The project demonstrates application of <u>skill attainment</u> with significant measurable impact on the overall project. 	20 to 10 <ul style="list-style-type: none"> • There is some evidence that the student has acquired <u>scientific skills</u> and/or knowledge by doing this project. • The student has limited knowledge of the scope and limitations of the problem selected. • There is some evidence of demonstration of <u>skill attainment</u> with some measurable impact on the overall project. 	8 to 0 <ul style="list-style-type: none"> • There is no evidence that the student has acquired <u>scientific skills</u> and/or knowledge by doing this project. • The student does not recognize the scope and limitations of the problem selected. • There is no evidence of demonstration of <u>skill attainment</u> or impact on the overall project.
Scientific Research Score: _____	30 to 22 <ul style="list-style-type: none"> • The problem is clearly stated. • The student uses scientific facts as a basis for new conclusions. • The student is <u>aware of the basic scientific principles</u> that lend support to the methods used and conclusions reached. • The research is the basis for further study. • The appropriate methods and scientific design have been applied. • The student is aware of the empirical method and the importance of controlling the variables in order to reach valid conclusions. 	20 to 10 <ul style="list-style-type: none"> • The problem is not clearly stated. • The student uses some scientific facts as a basis for new conclusions. • The student has <u>limited knowledge of the basic scientific principles</u> that lend support to the methods used and conclusions reached. • With some modification, the research could be the basis for further study. • Some of the appropriate methods and scientific design have been applied. • The student is partially aware of the empirical method and the importance of controlling the variables in order to reach valid conclusions. 	8 to 0 <ul style="list-style-type: none"> • The problem is not stated. • The student does not use scientific facts as a basis for new conclusions. • The student is unaware of the basic scientific principles that lend support to the methods used and conclusions reached. • The research cannot be the basis for further study. • Inappropriate methods and a flawed scientific design have been applied. • The student is unaware of the empirical method and do not recognize the importance of controlling the variables in order to reach valid conclusions.
Collaboration Score: _____	15 to 11 <ul style="list-style-type: none"> • There is clear evidence of collaboration. • The student identified portions of the project representing the work of others. 	10 to 5 <ul style="list-style-type: none"> • There is lack of clear evidence of collaboration or the student does not identify portions of the project representing the work of others. 	4 to 0 <ul style="list-style-type: none"> • There is lack of clear evidence of collaboration and the student does not identify portions of the project representing the work of others.
Thoroughness/ Information Score: _____	30 to 22 <ul style="list-style-type: none"> • Student clearly communicates the original plan and adaptations that may have been made to the study. • Any adaptations made uphold the integrity of the study. • Facts and principles the student states are correct and accurate. • All results of the experiments are reported accurately based on methodology used. • Any errors and weaknesses in the study are identified, if applicable. 	20 to 10 <ul style="list-style-type: none"> • Student partially communicates the original plan and adaptations that may have been made to the study. • Any adaptations made may uphold the integrity of the study. • Facts and principles the student states are partially correct and accurate. • Most results of the experiments are reported accurately based on methodology used. • Most errors and weaknesses in the study are identified, if applicable. 	8 to 0 <ul style="list-style-type: none"> • Student does not communicate the original plan and adaptations that may have been made to the study. • Adaptations made do not uphold the integrity of the study. • Facts and principles the student states are inaccurate. • Results of the experiments are not reported accurately based on methodology used. • Errors and weaknesses in the study are not identified.
Results/ Conclusions Score: _____	15 to 11 <ul style="list-style-type: none"> • The student uses known facts to draw conclusions. • Conclusions are consistent with the data and/or observations presented. • The student clearly shares what was learned as a result of the research. • The student effectively communicates the results and impact of the study. 	10 to 5 <ul style="list-style-type: none"> • The student uses known facts to draw conclusions. • Conclusions are inconsistent with the data and/or observations presented. • The student ineffectively shares what was learned as a result of the research. • The student ineffectively communicates the results and impact of the study. 	4 to 0 <ul style="list-style-type: none"> • The student does not use known facts to draw conclusions. • Conclusions are inconsistent with the data and/or observations presented. • The student does not share what was learned as a result of the research. • The student does not communicate the results and impact of the study.
Total: _____ of 120			

Notes and Feedback (can continue on back if needed)