

# Agriscience Fair Convention Interview - Division 2, 4, 6. Grade 7-12

	High Points	Medium Points	Low Points
<b>Knowledge Gained - Student 1</b>  Score: _____	<b>15 to 11</b> <ul style="list-style-type: none"> <li>• There is evidence the student has acquired scientific skills and/or knowledge by doing the project.</li> <li>• The student exhibits knowledge of the scope and limitations of the problem selected.</li> <li>• The project demonstrates application of skill attainment with significant measurable impact on the overall project.</li> </ul>	<b>10 to 5</b> <ul style="list-style-type: none"> <li>• There is some evidence that the student has acquired scientific skills and/or knowledge by doing this project.</li> <li>• The student has limited knowledge of the scope and limitations of the problem selected.</li> <li>• There is some evidence the project demonstrates application of skill attainment with some measurable impact on the overall project.</li> </ul>	<b>4 to 0</b> <ul style="list-style-type: none"> <li>• There is no evidence that the student has acquired scientific skills and/or knowledge by doing this project.</li> <li>• The student does not recognize the scope and limitations of the problem selected.</li> <li>• There is no evidence of the project demonstrates application of skill attainment with no measurable impact on the overall project.</li> </ul>
<b>Knowledge Gained - Student 2</b>  Score: _____	<b>15 to 11</b> <ul style="list-style-type: none"> <li>• There is evidence the student has acquired scientific skills and/or knowledge by doing the project.</li> <li>• The student exhibits knowledge of the scope and limitations of the problem selected.</li> <li>• The project demonstrates application of skill attainment with significant measurable impact on the overall project.</li> </ul>	<b>10 to 5</b> <ul style="list-style-type: none"> <li>• There is some evidence that the student has acquired scientific skills and/or knowledge by doing this project.</li> <li>• The student has limited knowledge of the scope and limitations of the problem selected.</li> <li>• There is some evidence the project demonstrates application of skill attainment with some measurable impact on the overall project.</li> </ul>	<b>4 to 0</b> <ul style="list-style-type: none"> <li>• There is no evidence that the student has acquired scientific skills and/or knowledge by doing this project.</li> <li>• The student does not recognize the scope and limitations of the problem selected.</li> <li>• There is no evidence of the project demonstrates application of skill attainment with no measurable impact on the overall project.</li> </ul>
<b>Scientific Research</b>  Score: _____	<b>30 to 22</b> <ul style="list-style-type: none"> <li>• The problem is clearly stated.</li> <li>• The students <u>use scientific facts</u> as a basis for new conclusions.</li> <li>• The students are aware of the <u>basic scientific principles</u> that lend support to the methods used and conclusions reached.</li> <li>• The research is the basis for further study.</li> <li>• The appropriate methods and scientific design have been applied.</li> <li>• The students are aware of the empirical method and the importance of controlling the variables in order to reach valid conclusions.</li> </ul>	<b>20 to 10</b> <ul style="list-style-type: none"> <li>• The problem is not clearly stated.</li> <li>• The students use <u>some scientific facts</u> as a basis for new conclusions.</li> <li>• The students have limited knowledge of the <u>basic scientific principles</u> that lend support to the methods used and conclusions reached.</li> <li>• With some modification, the research could be the basis for further study.</li> <li>• Some of the appropriate methods and scientific design have been applied.</li> <li>• The students are partially aware of the empirical method and the importance of controlling the variables in order to reach valid conclusions.</li> </ul>	<b>8 to 0</b> <ul style="list-style-type: none"> <li>• The problem is not stated.</li> <li>• The students <u>do not use scientific facts</u> as a basis for new conclusions.</li> <li>• The students are unaware of the <u>basic scientific principles</u> that lend support to the methods used and conclusions reached.</li> <li>• The research cannot be the basis for further study.</li> <li>• Inappropriate methods and a flawed scientific design have been applied.</li> <li>• The students are unaware of the empirical method and do not recognize the importance of controlling the variables in order to reach valid conclusions.</li> </ul>
<b>Collaboration</b>  Score: _____	<b>5 to 4</b> <ul style="list-style-type: none"> <li>• There is clear evidence of collaboration.</li> <li>• The students identified portions of the project representing the work of others.</li> </ul>	<b>3 to 2</b> <ul style="list-style-type: none"> <li>• There is lack of clear evidence of collaboration or the students do not identify portions of the project representing the work of others.</li> </ul>	<b>1 to 0</b> <ul style="list-style-type: none"> <li>• There is lack of clear evidence of collaboration and the students do not identify portions of the project representing the work of others.</li> </ul>
<b>Peer to Peer Collaboration</b>  Score: _____	<b>10 to 7</b> There is clear evidence of collaboration. Both team members are present.  No points will be award if only one team member is present.	<b>6 to 4</b> Some collaboration is evident.  No points will be award if only one team member is present.	<b>3 to 0</b> There is lack of evidence of collaboration.  No points will be award if only one team member is present.
<b>Thoroughness/ Information</b>  Score: _____	<b>30 to 22</b> <ul style="list-style-type: none"> <li>• Students clearly communicate the original plan and adaptations that may have been made to the study.</li> <li>• Any adaptations made uphold the integrity of the study.</li> <li>• Facts and principles the students state are correct and accurate.</li> <li>• All results of the experiments are reported accurately based on methodology used.</li> <li>• Any errors and weaknesses in the study are identified, if applicable.</li> </ul>	<b>20 to 10</b> <ul style="list-style-type: none"> <li>• Students partially communicate the original plan and adaptations that may have been made to the study.</li> <li>• Any adaptations made may uphold the integrity of the study.</li> <li>• Facts and principles the students state are partially correct and accurate.</li> <li>• Most results of the experiments are reported accurately based on methodology used.</li> <li>• Most errors and weaknesses in the study are identified, if applicable.</li> </ul>	<b>8 to 0</b> <ul style="list-style-type: none"> <li>• Students do not communicate the original plan and adaptations that may have been made to the study.</li> <li>• Adaptations made do not uphold the integrity of the study.</li> <li>• Facts and principles the students state are inaccurate.</li> <li>• Results of the experiments are not reported accurately based on methodology used.</li> <li>• Errors and weaknesses in the study are not identified.</li> </ul>

OVER

<b>Results/ Conclusions</b>  Score: _____	<b>15 to 11</b> <ul style="list-style-type: none"><li>• The students use known facts to draw conclusions.</li><li>• Conclusions are consistent with the data and/or observations presented.</li><li>• The students clearly share what was learned as a result of the research.</li><li>• The students effectively communicate the results and impact of the study.</li></ul>	<b>10 to 5</b> <ul style="list-style-type: none"><li>• The students use known facts to draw conclusions.</li><li>• Conclusions are inconsistent with the data and/or observations presented.</li><li>• The students ineffectively share what was learned as a result of the research.</li><li>• The students ineffectively communicate the results and impact of the study.</li></ul>	<b>4 to 0</b> <ul style="list-style-type: none"><li>• The students do not use known facts to draw conclusions.</li><li>• Conclusions are inconsistent with the data and/or observations presented.</li><li>• The students do not share what was learned as a result of the research.</li><li>• The students do not communicate the results and impact of the study.</li></ul>
<b>Total: _____ of 120</b>			

Notes and Feedback