



SSRSEF Judges Feedback For K-4

Based on Next Generation Science Standards and International Fair Criteria

Student Name: _____ Grade _____

Judges: _____

Comments (Use other side if needed)

<p>1 Asking Questions, Defining Problems</p> <ul style="list-style-type: none"> • Asked clear and specific questions or identified a problem • Where appropriate developed a hypothesis • Asked questions that could be tested 	
<p>2 Planning and Carrying out Investigations</p> <ul style="list-style-type: none"> • Developed a plan to answer questions or solve a problem • If appropriate, built a model • Decided what information needed to be collected, how much was needed, and how to best record that information (evidence) • Found out what happened when one or more parts of the plan were changed (variables) 	
<p>3 Analyze and Interpret Data</p> <ul style="list-style-type: none"> • Decided if there was enough evidence to come to a conclusion • Used mathematics or models to help determine if the evidence was reasonable and what it meant • Looked at evidence (data) to decide if any seemed not to fit (outliers) • If appropriate, redesigned model and repeated the information gathering steps above 	
<p>4 Explanations and Solutions</p> <ul style="list-style-type: none"> • Determined an answer to initial question or developed a new model based on the evidence collected 	
<p>5 Engaging in Argument from Evidence</p> <ul style="list-style-type: none"> • Explained how their conclusion or final product fits with other knowledge they have about science. • Explained how their evidence/data supported their conclusion 	
<p>6 Evaluating and Communicating Information</p> <ul style="list-style-type: none"> • Was able to explain their work in different ways (oral, text, graphics, models, mathematics) • If they worked with other students or adults, were able to explain what parts they did and where others contributed • Explained why they chose their project 	