

DRSEF Science Scorecard Example

		Low	Mid	High	Max	
Research Question	Purpose	Unclear	Lacks focus	Clear	10	
	Contribution to Field	Not identified	Vague	Identified		
	Scientific Method	Not testable with	Partly Testable with	Testable with		
Method	Data Collection	Poorly designed	Some planning	Well-designed	15	
	Variables and Controls	Not defined	Incomplete or Inappropriate	Defined and Appropriate		
Execution	Reproducibility	None Possible	Difficult	Good	20	
	Data Collection & Analysis	Arbitrary	Incomplete	Systematic		
	Math Methods	Erroneous	Some Inappropriate	Appropriate & correct		
	Data Collected	None	Insufficient	Sufficient		
Creativity	In Above Criteria	Cookbook No New Ideas	Teacher Assigned Some Value Added	Student Initiated Innovative	20	
Presentation	Poster	Illogical or Unreadable	Lacks supporting docs or some lack of clarity	Logical, readable, & supporting docs	10	
	Interview	Poor Responses Basic Misunderstanding No Conclusion No Recognition of Impact No Future Ideas (TEAM) One Student Dominant	Some Vague Responses Basic Misunderstanding Misunderstanding Results Unawareness of Impact (TEAM) Uneven Contributions	Clear Responses Basic Understanding Understands Results Recognizes Impact Future Ideas (TEAM) All Members Involved	25	