3rd Grade Experimental Design Rubric

	Schoo	Names	•	
				Practices
				Investigation Question (1 pt) One statement is circled
				Procedure (2 pts) • Team outlines a logical sequence of at least 3 steps
				Materials (1 pt) Team lists the materials that are required
				Variables (3 pts) Team identifies one variable that can be tested Team identifies at least one thing that must stay the same Team identifies one variable that they will measure
				Prediction/Hypothesis (1 pts) • Students write what they think will happen
				STOP Check (1 pt) Filled out BEFORE recording data.
				Data (4 pts) Correct data collected shown as: Pictures (2 point) Words (2 point)
				Results (2 pts) Students identify relevant evidence. (2 pts)
				Conclusion (2 pts) Team identifies if their circled statement is correct or not based on the evidence
				Team Work (3 pts) • Each member contributes to the design process (1 point per member)
				BONUS POINTS 2 pts no help, 1 pt minimal help, 0 considerable help 2 pts for all members working quietly the entire time
				TOTAL (20 pts + bonus)

4th Grade Experimental Design Rubric

	School	Names	 	Experimental Design Rubite
				Practices
				Investigation Question (1 pt) • Freebie point
				Procedure (2 pts) Team outlines a logical sequence of at least 3 steps
				Materials (1 pt) Team lists the materials that are required
				Variables (3 pts) Team identifies one variable that can be tested The identifies one variable that will be measured Team identifies at least one thing that must stay the same
				Prediction/Hypothesis (1 pts) • Students write what they think will happen
				STOP Check (1 pt) Checked BEFORE recording data
				Data (up to 4 pts) Correct data collected shown as: • Model (pictures) (2 points) and/or • Table used or data written (2 point) and/or • Graph created to explain data (2 points)
				Results (2 pts) • Students identify relevant evidence. (2 pts)
				Conclusion (2 pts) • Students correctly answer the original question. (2 pts)
				Team Work (3 pts) • Each member contributes to the design process (1 point per member)
				BONUS POINTS 2 pts no help, 1 pt minimal help, 0 considerable help 2 pts for all members working quietly the entire time
				TOTAL (20 pts + bonus)

5th Grade Experimental Design Rubric

	School	Names		
				Practices
				Investigation Question (1 pt) The blanks are filled in
				Procedure (2 pts) Team outlines a logical sequence of at least 3 steps
				Materials (1 pt) Team lists the materials that are required
				Variables (3 pts) Team identifies one variable that can be tested The identifies one variable that will be measured Team identifies at least one thing that must stay the same
				Prediction/Hypothesis (1 pts) • Students write what they think will happen and why
				STOP Check (1 pt) • Filled out BEFORE recording data
				Data (up to 4 pts) Correct data collected shown as: Table created with multiple trials completed (2 point) Graph created to explain data (2 points)
				Results (2 pts) • Students write a summary of what happened. (2 pts)
				Conclusion (2 pts) • Students correctly answer the original question with evidence.
				Team Work (3 pts) • Each member contributes to the design process (1 point per member)
				BONUS POINTS • 2 pts no help, 1 pt minimal help, 0 considerable help • 2 pts for all members working quietly the entire time
				TOTAL (20 pts + bonus)

6th Grade Experimental Design Rubric

	School	Names	
			Practices
			Investigation Question (1 pt) • A testable question is written
			Procedure (2 pts) Team outlines a logical sequence of at least 3 steps
			Materials (1 pt) Team lists only the materials that are required
			Variables (3 pts) Team identifies the independent variable The identifies the dependent variable Team identifies constant variable
			Prediction/Hypothesis (1 pts) • Students write what they think will happen and why
			STOP Check (1 pt) • Filled out BEFORE recording data
			Data (up to 4 pts) Correct data collected shown as: Table created with multiple trials completed (2 point) Graphed average created to explain data (2 points)
			Results (2 pts) • Students write a summary of what happened. (2 pts)
			Conclusion (2 pts) • Students correctly answer the original question with evidence.
			Team Work (3 pts) • Each member contributes to the design process (1 point per member)
			BONUS POINTS • 2 pts no help, 1 pt minimal help, 0 considerable help • 2 pts for all members working quietly the entire time
			TOTAL (20 pts + bonus)