

Rubric for experimental design

	Components	Comments
Think	<p>Understands and clearly demonstrates:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Control, <input type="checkbox"/> Randomization, <input type="checkbox"/> Replication. <input type="checkbox"/> Gives due thought to blocking, blinding, placebo, confounding variables. 	
Show	<p>Creates an effective design:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Controls effects of known variables <input type="checkbox"/> Blinds <input type="checkbox"/> Replicates the treatments <input type="checkbox"/> Defines correct response variable <p>Randomizes:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Randomly assigns <input type="checkbox"/> Clearly explains randomization method <input type="checkbox"/> Shows the results assignments 	
Tell	<p>Clearly describes the experiment:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Identifies the question <input type="checkbox"/> Has a good diagram <input type="checkbox"/> Uses proper vocabulary <input type="checkbox"/> Does not confuse experimentation and sampling 	

Name: _____

Grade: _____