6th Grade SPU- STEAM: Split Seconds!

Name:

Date:

Experiment Design Template

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| **Before** |
| Problem (what is your experiment trying to determine?): |
| Hypothesis (what do you think your data will show?): |
| What is Tested (what sense are you testing reaction on?): |
| Materials Needed: |
| Experimental Design (describe your experiment step by step, from setup through completion of the experiment): |
| Control (what is staying consistent throughout the experiment?): |
| Variable (what is changing between trials?): |
| How is data collected: |
| **During** |
| Data and Results: |
| **After** |
| Analyze and Interpret Data (what does your data show you?): |
| Discussion (discuss how the experiment went overall - and include discussion points from your conversation): |
| Re-evaluation (After your discussion with your team, how has your Analysis and Interpretation of your data changed?): |
| Error Analysis (what possible errors could have been made throughout your experiment that may have affected your data and results): |