STEANNING & REFLECTION RESPONSE SHEETS

Ce No n **VERSIONS FOR BOTH STEAM & STEM** THOUGHTFUL REAL WORLD APPLICATION PLANNING SHEET GET MORE OUT OF YOUR CHALLENGES CIENCE Effort to better understand our universe through characteristics a problem Entry to better understand our universe through characteristics a problem Solves a problem Solves a problem Things work REFLECTION SHEET **SUCCESS BLUEPRINT** • Based on your best solution, design a plan. The more details :MATERIAL SUCESS...? REAL WORLD APPLICATION: TEST PROTOTYPE Which categories of STEAM does this experiment fall into? Color used. Explain your answer and give examp TEST PROTOTYPE: \$: . Improve / Adjustments: Attempt 2: Record Details 2. Test / Evaluate Improve / Adjustments: 麗 M: TEACHING eflect on your efforts. Did you find success? Wha lemonlare T: E: A: Based on your orginal plan/ design, what changed as you continued.

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use again, and c	again, and again.
CIENCE Effort to better understand our understand float solves a problem P L A N N I N G S H E E T Name: What is the problem? Brainsform possible solutions. Try to think of more than one: imagine, sketch, take notes	Fe Co Ni Cu Zn Ga Ge As Se Br. Kr. Ru Rh Pd Ag Cd In Sn Sb Te I Xe CRU Rh Pd Ag Cd In Sn Sb Te I Xe La Ce Pr Nd Pm La Ce Pr Nd Pm Clence Effort to better understand our universe through or werther at device, tool or werther a device, tool or werther at the solves a problem solves or problem solves or problem solves or problem.
SUCCESS In regards to the problem, what will success look like in the trials, and in the end result?	REFLECTION SHEET Name: REFLECT Of all of the possible solutions you brainstormed, why did you choose the one you did?
BLUEPRINT • Based on your best solution, design a plan. The more details the better. Try to use labels, colors, measurements, timeetc	Consider how this relates to the real world. Where do we see something similar to the problem. What about the solution, is there another problem this solution could resolve? Relate the problem: Relate the solution: Which categories of \$ T E A M does this experiment fall into? Color the letters in the header to represent which were used, Explain your answer and give examples to support your answer.
TEST PROTOTYPE: With each attempt, take note of measurements, amounts. Time, materials, set, When applicable test and evaluate your design. Next, improve the design. Record note or each attempt below. Attempt 1: Record Details 1. Test / Evaluate 1. Improve / Adjustments:	E°
Attempt 2: Record Details 2. Test / Evaluate 2. Improve / Adjustments:	A:
Attempt 3: Record Details 3. Test / Evaluate 3. Improve / Adjustments:	Share and reflect on your efforts. Did you find success? What would you try if you were given another attempt?
TEACHING ON CONTROL OF THE PROPERTY OF THE CONTROL	Based on your orginal plan/ design, what changed as you continued. Any scientific reasoning to back up your changes?

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T°	BLUEPRINT • Based on your	best solution, design a plan. The more do use labels, colors, measurements, time	details :MATERIALS:
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Based on your orginal plan/ design, what changed as you continued. Any scientific reasoning to back up your changes?	Attempt 1: Record Details	1. Test / Evaluate	1. Improve / Adjustments:
TEACHING GTEACHING	Attempt 2: Record Details	2. Test / Evaluate	2. Improve / Adjustments:
TEACHING ON lune AG Th Pa U NP PU AM CM BK	Attempt 3: Record Details	3. Test / Evaluate	3. Improve / Adjustments: