

9 Proof of Concept Prototype Testing

Essential Question: What is an essential specification that I want to test to determine the success of the Proof of Concept Prototype?

Unpacking the Standards:

Prototype Information: Using the information that you have gathered from the stakeholder concerning the Prototype, answer the following questions to be able to develop a testing protocol?



What were the successes of the prototype? _____



What improvements did you make after the initial interview with the stakeholder using the prototype? _____



What were the questions that you had after the initial interview with the stakeholder that you now have answered? _____

Name _____ Date _____ Period _____

What redesigns did you make to the prototype based on the information given by the stakeholder? _____



What were the stakeholder's impressions of the prototype? _____

Testing Criteria- For the next part of the lesson, you will need *Proof of Concept Testing Plan #9*.

EPICS/HIGH
9 Proof of Concept Testing Plan

Name _____ School: _____	Description: (Material, Specifications, Important Characteristics)	Scope and Duration Who will be testing the prototype? How long will these people be testing the prototype?	Prototype What is the Proof of Concept Prototype? (What is not conducted?)
Purpose of the Product How will this product help the customer/producer?	Goals and Objectives of the Product What will this project or product be able to do for the community and/or stakeholders?	Success Criteria What is your benchmark of success for your prototype?	Prototype that will be tested: Location, Qty, power, weight, Who are going to test it?
Success Criteria What are the criteria that will be necessary for this prototype to be successful?	Materials, Interlocks, Limitations What are the materials that will be used for the prototype? What are the limitations and safety issues with these materials?	Measurement What are the measurable criteria that you will use in this testing protocol?	Prototype that will be tested: Location, Qty, power, weight, Who are going to test it?
Goals for the Proof of Concept prototype What are you hoping to determine through the construction of the prototype and testing?	Benefits of the Prototype What are the benefits of this "Proof of Concept" Prototype? What are the risks if one is not conducted?	Measurement What are the measurable criteria that you will use in this testing protocol?	Prototype that will be tested: Location, Qty, power, weight, Who are going to test it?
Identify experts in your community who have expertise in the field you will need to give you guidance with this project.	How do these findings back to the goals and objectives for the product. How		