

# DefinedSTEM

## WORKING THROUGH A PERFORMANCE TASK

1

### Set the Stage (20 mins)

Set the stage provides the introduction and career video to help students understand the topic they will be working through.

- Read *Introduction*
- Preview *Guiding Questions*
- Watch *Career Video*
- **Complete Student Input - "Answer "Guiding Questions."**

2

### Explore the Background (30-45 mins)

Exploring the background provides the students with an overview for the overall scenario of the task.

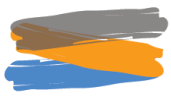
- Review the *Big Ideas & Essential Questions*
- Read the *Goal, Role, Audience, and Situation*
- Review the chosen *Product(s)*
- Watch the *Product Video(s)*
- Review *Rubrics*
- Review *Research Questions*
- **Complete Student Input - "Submit a summary of the work that needs to be done according to the Goal, Role, Audience and Situation."**

3

### Do the Research (1-1.5 hrs)

Contains resources and support materials that will help student complete their work. Included are research resources from trusted publishers and Learning Objects mini-lessons that will help students understand key concepts within the task.

- Explore *Research Resources*
- Review *Learning Object*
- Search additional resources/sites
- **Complete Student Input - "Answer the Research Questions."**
- **Complete Student Input - "Describe what concepts are being addressed in each Learning Object lesson. "**
- **Complete Student Input - "Describe what additional resources, if any, were accessed while conducting research?"**
- **Complete Student Reflection - "What were your goals as you began your research and how did you conduct your research?"**
- **Complete Student Reflection - "What was your answer & what process did they go through to conduct research?"**



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## Create the Product (1.5-2 hrs)

Create the product provides students with a step by step breakdown of the work and design process. This breakdown provides the framework for the student to brainstorm, analyze, create and present the final product.

- Review research from the *Do the Research* section

• **Complete Student Input – “Give a detailed outline of your brainstorming ideas.”**

- Analyze/decide the best ways to move forward and create a product that meets the needs of the target audience and addresses the goal of the task.

• **Complete Student Input - “Provide a plan for how you will move forward in creating a product that will meet the needs of the target audience while addressing the goal of the task.”**

- Create a product(s) in which you provide solutions, make recommendations, predictions, inferences, or take any other appropriate actions that are required. Make sure that the product(s) meet the needs of the audience.

• **Complete Student Input – “Submit your product(s)”**

- Revise products as needed.

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## Final Reflection (30-45 mins)

Final Reflections will ask the students to reflect on the work of the task. Students should include teacher feedback, personal, group, and/or audience reflections.

**Final Student Reflection - “Answer the following questions to provide a summary of your experience and understanding within the work of this task.”**

- “What part of your work are you most proud of? Why?”
- “What is the most valuable thing you have learned? Why?”
- “What is the most interesting thing you have learned? Why?”
- “What would you change if you had a chance to do this task over again?”
- “What problems did you encounter while you were working on this task? How did you solve them?”
- “What is the one thing you particularly want people to notice when they look at your work?”