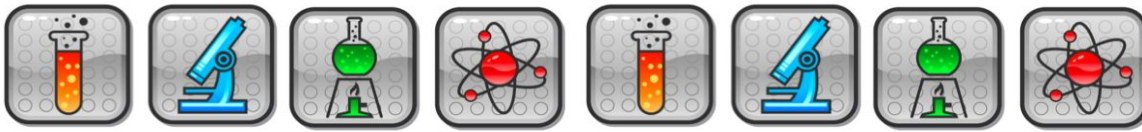


Science Practices Posters

Name: _____ Block: _____



As scientists and engineers we are wrapped in 8 Scientific Practices that make us successful in our work.

What are they? What do they remind us to do? Your task will be to create a visual to display in our classroom to illustrate one of these Practices so they will always be at the forefront of our work.

- Asking questions (for science) and defining problems (for engineering).
- Developing and using models
- Planning and carrying out investigations.
- Analyzing and interpreting data.
- Using mathematics, information and computer technology, and computational thinking.
- Constructing explanations (for science) and designing conclusions (for engineering)
- Engaging in argument from evidence.
- Obtaining, evaluating, and communicating information.

You will be provided with some materials to help you understand what each practice means.

4 Demonstrates Exemplary Performance	3 Meets Expectations	2 Approaching Expectations	1 Limited Progress Towards Expectations
Professional Appearance - The poster is extremely neat, brightly colored, eye-catching and appears as though the artists took their time to create the final product.	Professional Appearance - The poster is neat, colorful, and appears as though the artists took their time to create the final product.	Professional Appearance - The poster is neat, has color, and appears as though the artists rushed a bit to create the final product.	Professional Appearance - The poster is sloppy, doesn't have color, and the final product appears as though the artists rushed when creating the final product.
The Practice is written clearly on the poster and is easy to read from a distance.	The Practice is written neatly on the poster and is easy to read.	The Practice is not written neatly on the poster and/or is somewhat difficult to read.	The Practice is not written on the poster and/or is difficult to read.
Detailed Depictions - The artists use detailed illustrations which fully depict the Practice and are the main focus of the poster.	Detailed Depictions - The artists are detailed with their illustrations which depict the Practice and are the main focus of the poster.	Detailed Depictions - The artists are somewhat detailed with their illustrations which mostly depict the Practice, and/or are not the focus of the poster.	Detailed Depiction - The artists are not detailed with their illustrations, depict the Practice poorly or inaccurately, and/or has small illustrations which are hard to see..
Grammar & Spelling - There are no mistakes with grammar, punctuation and/or spelling.	Grammar & Spelling - There is one mistake with grammar, punctuation and/or spelling.	Grammar & Spelling - There are two to three mistakes with grammar, punctuation and/or spelling.	Grammar & Spelling - There are more than three mistakes with grammar, punctuation and/or spelling.
Cooperative Group Member - You participated equally, were actively engaged in the project, were open to various ideas, and were respectful to your group members at all times.	Cooperative Group Member - You participated equally, were engaged in the project, were open to various ideas, and were respectful to your group members most of the time.	Cooperative Group Member - You participated some of the time, were engaged at times, were not so open to others' ideas, and/or were not respectful to your group members.	Cooperative Group Member - You didn't participate much, were not engaged most of the time, didn't listen to others' ideas, and/or were not respectful to your group members.

