



INDEPENDENT STUDENT LEARNING AT HOME

LESSON 8: Presenting Your Invention

TODAY I WILL LEARN...

Once an invention is made, inventors must take the invention to market to share with others its benefits so that others will want to use and buy it. Just like commercials you see on television, inventors create “pitches” or presentations to communicate the value of their idea and their invention product. Presentations must have a visually appealing display in addition to an oral presentation that convinces the audience that the invention solves the problem it set out to fix in a unique way that is better than any other existing solutions.

Today you will name your invention and design a creative and informative display that effectively communicates the purpose of your invention and the process you followed to develop it.

MATERIALS

Resources Provided by YIP:

- Video: Invention Presentation – Guided Instructions
- Slide Deck: Invention Presentation
- Video: Inventor Commercials (<https://www.youtube.com/watch?v=REfhL8P9d98>)
- Slide Deck: Font Samples
- PDF/Worksheet: Invention Name Word Ideas
- PDF/Worksheet: Display Board Template
- PDF/Worksheet: Commercial Storyboard
- Optional: YIP Digital Display Board Template
- YIP Inventor Journal

Materials from Home:

- Pens/pencils
- Notebook or other paper for writing and drawing
- Colored paper
- Markers or colored pencils

INVENTOR PLAN

Instruction: Naming Your Invention

1. Watch Video: Invention Presentation – Guided Instructions. Refer to Slide Deck if needed for review.

2. Find an example of a product at home that has a strong name, or a name you like and a product that has a poor name or one you don't like.
3. Explain to someone at home why you chose these products. Why do you like the name? Why don't you like the name?

Activity: Name that Product

This activity is optional but may be helpful to help get you thinking creatively about naming your inventions.

1. Imagine that you work in a company that has a new product on the market. Think of a name for the product. Choose from one of the following:
 - A new dog or cat food
 - A new kid's magazine
2. Download the Invention Name Word Ideas Worksheet. Use it to help you come up with a name for your invention. Select one word/prefix/phrase from Group A and one word/suffix/phrase from Group B that seems to "fit" your invention.
3. Now play with your words. You can put these words together, then to try saying them quickly, then say them in reverse order. Add other descriptive words and try different combinations to see if you can find something catchy.
4. Record all name ideas in your YIP Inventor Journal and then use this list to select your final choice for an invention name.
5. If you want, share your list of names with family members and friends. Take a poll to see which one is the favorite.

Instruction: The Display Board

1. Find an advertisement at home (such as a product box or packaging, or ad from a magazine or newspaper) and explain to someone at home how the company makes the product look desirable and what special words they use to get someone to buy it.

The following short activities will highlight the different features of a display:

Activity: What Colors Look Best?

1. Try writing in different colors on light colored and dark colored paper. Try different color combinations and then poll family members or friends to see which combination is preferred.

Activity: What Lettering Looks Best?

1. View the Font Samples Slides provided.
2. Look at different fonts on your computer. Select one font that is easy to read and one that you like for a display. Then select one font that is difficult to read and one that you do not like. Type the following sentence in each font to see how it looks:
"A brown quick fox jumps over the lazy dog."
Fun Fact: This particular sentence uses every letter in the alphabet!
3. If you do not want to use the computer, try different lettering in your own handwriting, such as cursive and print. Use two different lettering styles and write the following sentence:

"A brown quick fox jumps over the lazy dog."

4. Share your font or handwriting samples with someone at home and ask them which font or lettering style is easiest to read.
5. Select the fonts or handwriting style you will use for your display.

Activity: What Display Looks Best?

1. Review the example display boards in the Video: Invention Presentation – Guided Instructions.
2. Write about which board is your favorite and explain why.

Assignment: The Display Board

1. Now it is time to make your own display board to present your invention. You may use a traditional tri-fold display board or use the digital display board provided by YIP.

Display Board Requirements:

The maximum size of the tri-fold board is 48" wide and 36" tall (the board should be 24" side with the 12" wings folded in).

Display boards must have the following information in one consolidated place on the poster:

- o Student(s) Name(s)
 - o Name of Invention
 - o Student(s) Grade(s)
 - o Student(s) School
 - o School City, State
 - o Statement of the problem
 - o Explanation of the invention as a solution to the problem
 - o Details of model construction
 - o Diagrams of design
2. Download the [Display Board Template Worksheet](#) or use the YIP Virtual Display Board Template as a draft to you them plan the layout of your display.
 3. Create your display board.

Next we will discuss the oral presentation component of the project.

Instruction: The Presentation

1. Watch video: (<https://www.youtube.com/watch?v=REfhL8P9d98>)

Note: This You Tube video is about 12 minutes long, you do not have to watch all of the presentations.

2. Select your favorite invention commercial from the video. Think about why it is most memorable.
3. Share with someone at home what makes a strong commercial or presentation. What features or information must be communicated to the viewer?
4. Now it is time to make your own presentation. We recommend that you spent about 60 minutes preparing your presentation.
5. Your presentation should meet the following requirements.

Presentation Requirements:

- State your name and age
- State the name of your invention
- Give a short description of what your invention does

- Highlight the originality of your invention and why someone should buy it
 - State the cost of the invention and where someone can buy it
 - Use words and visuals that will make your invention sound or look interesting and appealing
6. You may want to write a script or an outline of what you want to say in your presentation.
 7. Once you make your presentation, practice delivering it to family members or friends. Ask for feedback and make changes if necessary. Continue to practice until you feel comfortable speaking about your invention.

CHECK AND REFLECT

Teacher may wish to do one of the following to check for understanding:

1. Write down the one thing you are most concerned or nervous about when you think about your display and presentation and one thing you are most excited to share about your invention.