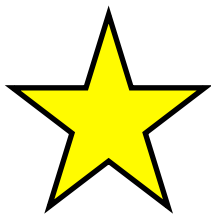
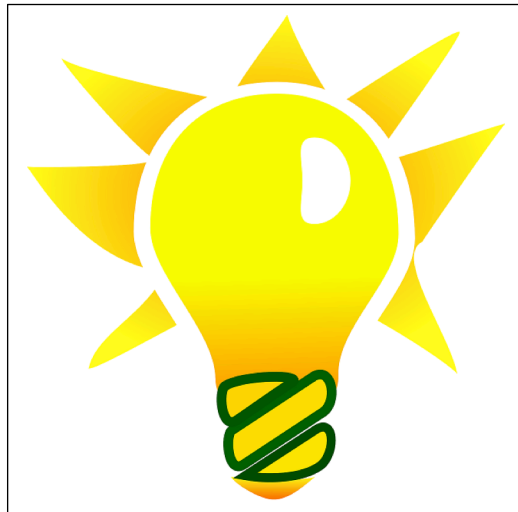
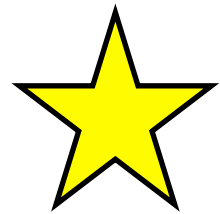


GOT A BRIGHT IDEA?

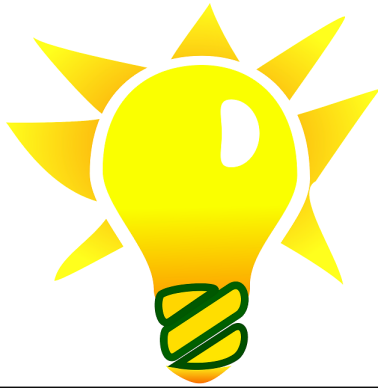


TRY WESTERN NEW YORK'S INVENTION CONVENTION



- **Competition is open to students K-8**
- **Eden entries will be due March 3rd with display of projects & judging at Eden Elementary on March 8^h.**
- **Finalists move on to the WNY Convention on May 1st!**
- **Packets will be available in the Main Office of GLP & Eden Elem
And with the Science Teachers at the Jr.-Sr. High School**
- **For more information, click the link on the Eden CSD Website.**

**Maybe your project will just be the
NEXT BIG THING !**



GOT A BRIGHT IDEA?

TRY WESTERN NEW YORK'S INVENTION CONVENTION

- **Competition is open to students K-8**
- **Eden entries will be due March 25th with display of projects & judging at Eden Elementary on April 8th.**
- **Packets will be available in the Main Office of GLP & Eden Elem
And with the Science Teachers at the Jr.-Sr. High School**
- **For more information, click the link on the Eden CSD Website.**

**Maybe your project will just be the
NEXT BIG THING !**

I will be participating in Eden's Invention Convention

NAME: _____ **Grade:** _____

TEACHER: _____

Home Room Number: _____

Parent Contact Info: _____



STUDENT INVENTOR'S JOURNAL

NAME: _____

DATE: _____

CLASS: _____



Tips for keeping an invention journal:

- Date every entry
- Write clearly and draw a single line through mistakes
- Remember to site your sources using the back page of the log book

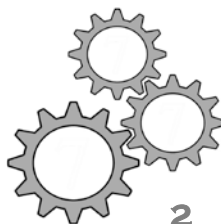
History of Inventions

Learn a little about other inventors and the ideas behind their inventions.

1.) My inventor is _____, He/she invented

2.) My inventor is _____, He/she invented

3.) My inventor is _____, He/she invented



Identifying Challenges in My Life

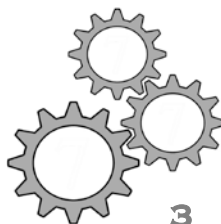
1.) What tasks would you like to see made easier?

2.) Brainstorm a list of activities or products that annoy or frustrate you. List as many as you can.

3.) What product does not work as well as you would like it to work?

4.) What is the most annoying problem:

at home? _____
at school? _____
in the car? _____
on the bus? _____
in the supermarket? _____
at practice? _____
other _____



Identifying Challenges in Other People's Lives

Consider other people in your life and what they might need to make life better. Identify any problems with certain tasks or activities that they currently have. Could you design something that could help other people? Interview friends and family to get a different perspective.

1.) Person I interviewed: _____

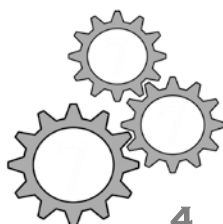
Task that they said they would like to see improved:

2.) Person I interviewed: _____

Task that they said they would like to see improved:

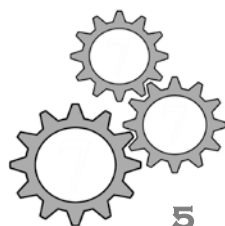
3.) Person I interviewed: _____

Task that they said they would like to see improved:



Ideation

Start thinking of concepts for your invention. Remember to think outside the box! Try thinking mild to wild. What is the mildest way to solve a problem, all the way to what is the wildest way to solve the problem!



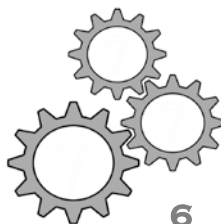
Evaluating Your Idea

Pick the problem that you most want to solve and describe it below:

Now think of solutions to solve this problem, and record the pros and cons of each possible solution in the chart below.

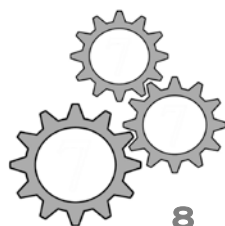
Possible Solutions	Pros	Cons
1.)		
2.)		
3.)		
4.)		
5.)		

Ask your peers and family what solution they feel is your strongest idea. This will help you narrow down your concepts.



Developing your Invention

Sketch out your invention below. Clearly label key points on the diagram.



Developing your Invention

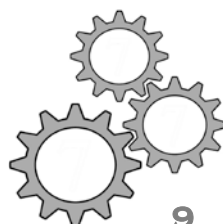
Explain the problem that you want to improve.

Choose your best invention idea and elaborate. How did you come up with the idea?

What steps will you need to take to build your invention? What materials do you need?

Do you see any problems that you might face while building your invention?

Materials I need:



What's In A Name

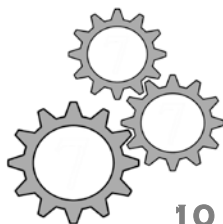
Name your invention. Imagine you are selling your product and try to think of a name that will catch the "consumer's" attention!

Possible Product Names:

Possible Slogans:

The name of my invention is: _____.

The slogan for my invention is: _____.



Implement and Create

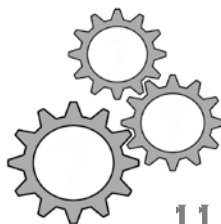
Now you will begin building your invention. You will be recording the process, and therefore documenting the steps you take while making your invention. Record the time and date of each work session and what you did that day. Record any changes or discoveries you make.

Date: _____

Time: _____

Date: _____

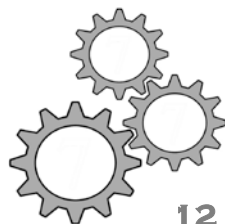
Time: _____



Implement and Create (Cont'd)

Date: _____
Time: _____

Date: _____
Time: _____



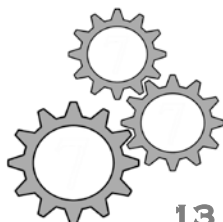
Testing Your Invention

Congratulations! By this step you have now completed your invention. Did you create a working prototype or a visual model? Does it work? It is now time to test it.

If you created a working prototype, test your invention. Does it work? Is there room for improvement?

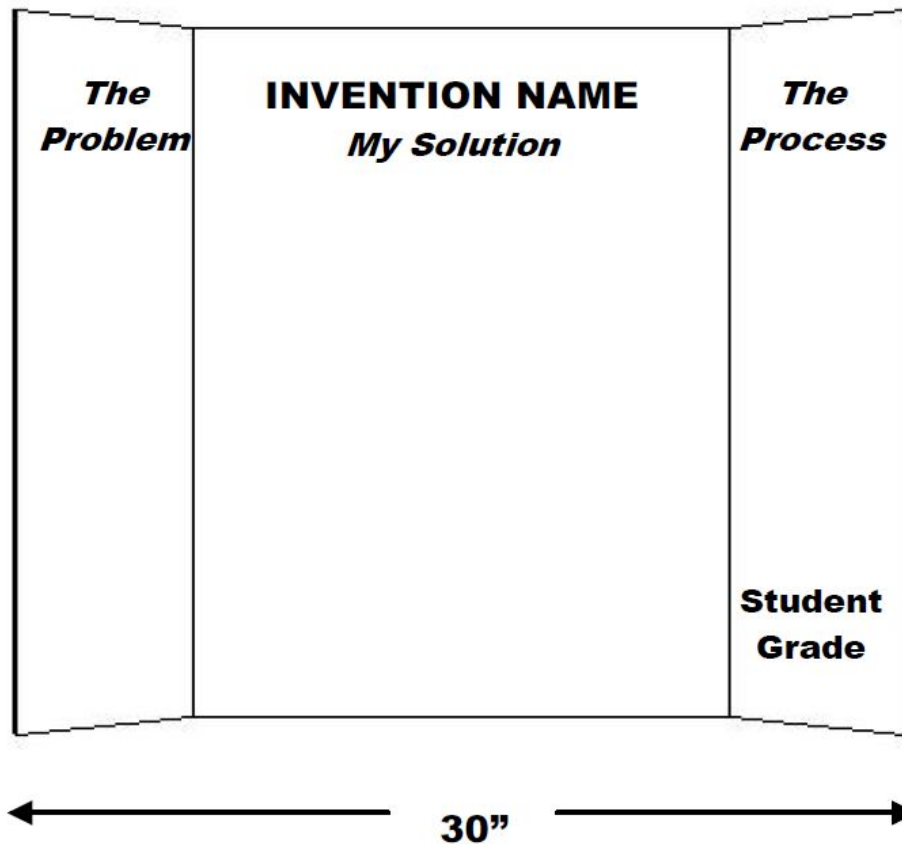
If you created a visual model, do you feel you successfully captured the look you were going for? What made you choose the appearance you did? Would you change anything about it?

Write up your findings here:



Designing Your Tri-Fold Display

Now it is time to work on your display. Use the image below to organize your ideas.



Tips:

- Remember to spell check beforehand-Write clearly and make sure the words are large enough to be viewed from a distance
- Organize your ideas in a way that makes sense
- Practice reciting your speech and highlight what you want to tell the judges

