

PROJECT DISPLAY POSTER BOARD.

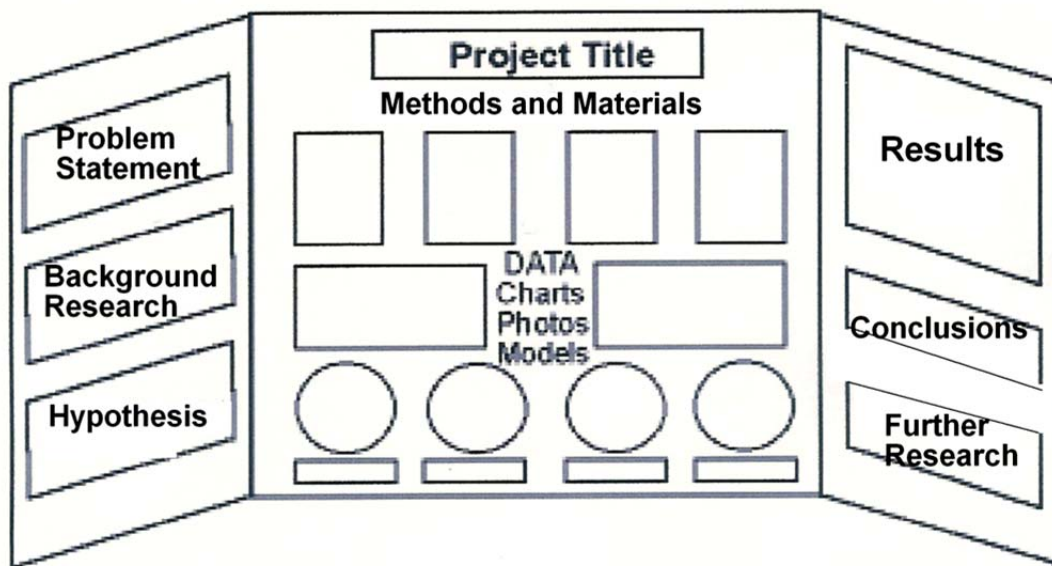
SAMPLES OF DISPLAY BOARDS ARE IN MY ROOM. THERE IS ALSO ONE ON EDLINE.

A TEMPLATE IS NOW ON EDLINE THAT YOU CAN USE TO ADJUST TO MAKE IT INTO YOUR OWN BOARD.

YOU CANNOT put your poster board together until your report is finished.

The ABSTRACT will NOT be on the board. Abstracts will be displayed in a suitable attractive standing frame in front of the display board. I have these stands so you can get one from me and reimburse the cost to me.

Here is a sample poster board but I want you to use the titles I gave you.



SIZE

- The standard size is 36 in by 48 in. This is the size you should use.
- Maximum Size of Project at the Regional, INTEL, and LA County Science Fair:
 - 30 inches (76 cm) deep
 - 48 inches (122 cm) wide
 - 108 inches (274 cm) high (from floor to top of project)
 - At the fairs, tables are provided The tables alone will be 36 inches (91 cm) high.

HOW TO ORGANIZE YOUR BOARD

- **Your titles should include: (there may be some variation but talk to me first for approval if you are not sure:**
 - **STATEMENT OF PROBLEM:** state what the problem is and what you are trying to solve.
 - **INTRODUCTION:** a thorough introduction of the background material for your research. Do not include references.
 - **HYPOTHESIS:** - what you think you will happen as a result of your research.
 - **METHODS AND MATERIALS:** Do not list the materials separately. Include them in the text of the procedure. This should be written in the third person past tense.
 - **DATA** – Data presentation is important. It should be easy to read and should be in the form of charts. Graphs which indicate your data should be included. You should include graphs because graphs instantaneously show a pattern. This is what judges want to see. Line graphs are the best. Bar and pie graphs are not as good but that may be all you can use depending on your data.
 - **RESULTS:** This is an interpretation of data. It explains the results and data that you have collected. You are taking your data and explaining what it indicates.
 - **CONCLUSIONS:** This relates back to your hypothesis. What have you concluded from your research.
 - **FURTHER RESEARCH:** Clearly indicate what your next project will be. It is important in all research findings to think of where you will go next and what you will do.
 - **DO NOT INCLUDE AN ACKNOWLEDGEMENT SECTION ON YOUR BOARD.** An acknowledgement section thanks all those who are responsible for helping you with your project morally, financially, and intellectually. This section appears in your research report but does not go on the board.
- **The middle section** is where you will put the data and charts, graphs, and pictures. See diagram below.

VERY IMPORTANT DETAILS ABOUT YOUR BOARD

- **DO NOT** display the abstract on the board itself. The abstract will be typed on a separate sheet and be displayed in an attractive frame separate from your poster board.
- Do not put your name anywhere on the front display side of your board. It will be clear who the project belongs to. You must write your name, phone number and school on the back of your display board. This info in ink is sufficient.
- Your board will make no reference to specific places where you did your research (at USC) or references to specific people. You will not have pictures of yourself or other people on the board.
- *All photographs must be given credit unless it is your own. If you took the picture then put a label on the bottom of the photo "photo taken by author". Credit all other photos.*

YOUR CHOICE OF THE KIND OF DISPLAY BOARD TO MAKE

Three choices:

1. Computer generated flat or trifold board. By far the best. Takes a lot less time and easy to correct. Highly recommended. **THIS IS THE BEST WAY TO DO IT. IT WILL TAKE YOU A LOT LESS TIME AND IT WILL LOOK THE MOST PROFESSIONAL.**
2. "Cut and Paste" trifold board (the hardest to make and it takes the most time. Hard to fix if you have mistakes. **NOT RECOMMENDED.**
3. "Velcro" trifold board. Second hardest to make. Easier to make corrections but also **not recommended.**

1. COMPUTER DESIGNED ONE-PIECE DISPLAY BOARDS BY FAR THE BEST!!!

THIS IS THE BEST METHOD

- This project display is created on the computer using POWER Point.
- You design it on your computer, convert to pdf format, copy it on to a flash drive, and then take it to the printer and they will print it on the poster board; any size you want. (standard size is 4 ft. by 3 ft.)
- You will use another student's existing board and replace all the text, pictures, etc with your own. **Go to edline under CONTENTS. There you will find the heading PROJECT DISPLAY BOARDS.** I have put three different ones there for you to use as a template for your own. You should download the one you want to use and save it on your computer. Make any changes you want and then save it.
- **Advantage:** no gluing cutting, aligning, spacing. This is so easy! The hours spent making the display are gone.

- **Disadvantage:** COST – the complete board is about \$125.00 but you will still spend about \$50 on the two other types of boards so this is well worth it.
- There is a template for the board on Edline. Simply download it.
- Add or move sections around as you see fit. You will just have to practice with it.
- Practice with it. Save the template and make another copy. If you mess up, go back to the original template.

YOU WILL DESIGN YOUR BOARD. **DO NOT GET IT PRINTED UNTIL I HAVE LOOKED AT IT AND PROOF READ IT.**

YOU WILL SEND YOUR DISPLAY BOARD TO ME BY E-MAIL. I WILL REVIEW IT AND SUGGEST SOME CHANGES.

ONCE IT IS ACCEPTABLE, I WILL THEN TELL YOU TO CONVERT IT TO PDF, COPY IT TO A FLASH DRIVE, TAKE IT TO COPYBANK AND THEN GET IT PRINTED. THE MAN AT COPYBANK IS VERY GOOD AND GIVES US A DISCOUNT. MAKE SURE YOU TELL HIM YOU ARE FROM PENINSULA AND MY STUDENT. IF YOU WISH, KINKO'S ALSO DOES A GREAT JOB FOR A LITTLE MONEY MORE BUT STILL VERY REASONABLE.

THE ADDRESS OF COPYBANK AND KINKO'S IS GIVEN BELOW.

Take your designed board on a flash drive. The format must be pdf.

YOUR BOARD CAN BE DONE IN ONE OR TWO DAYS.

COPY BANK (FIRST CHOICE) COST WITH TAX
APPROX \$125.00

COPY BANK
YOOJIN KIM
23215 HAWTHORNE BLVE, SUITE B
TORRANCE CA 90505
copyusa@hotmail.com
tel: 373-8883/8802
FAX: 373-8806
yoojun@copybank.us

KINKO's will print, mount, and laminate for approx. \$140.00. This is an excellent price. They are very fast and can get it done in one or two days. KINKO' is located in Torrance about 1 mile past PCH on Hawthorne Blvd.

2. "CUT AND PASTE" TRIFOLD BOARD

You paste your information on borders and then glue everything on the foam board.

Advantages:

- This is the cheapest method but materials will still cost you about \$40.00.

Disadvantages:

- It takes the longest amount of time (minimum of 30, yes 30 hours!! You may have to retype everything many, many times. Very time consuming.
- Errors are difficult to fix. If you make an error, you will have to remove the error from the board. This may result in wrecking the board and then you have to start over again.
- **I DO NOT SUGGEST THIS TYPE OF BOARD** unless you have done it before and are experienced at it.

- ***BE AWARE!! If you choose this method, it must be perfect. Errors in spacing, glue marks, out of alignment etc will not be accepted. If you mess up one board, you cannot fix it because you will rip it apart when trying to fix it. You will have to start from scratch.***

3. "VELCRO TRIFOLD BOARD"

- You place all your information on individually cut foam board cells. The information is glued to the foam board cells and then the cells are attached to the main board using Velcro.

Advantages:

- A lot easier than the "cut and paste" board.
- Takes less time than the cut and paste method.
- Alignment and spacing are easy. You simply readjust each foam board cell.
- If there are other errors, the cell may be removed and the error fixed without affecting the other cells.
- The 3-dimensional effect is very attractive.

Disadvantages:

- A little more costly than the "cut and paste" method. Materials will still cost you over \$40.00.
- You must take your time cutting the foam board cells. Go slowly and use a sharp blade and straight edge.
- Folding and transporting is more difficult. The wings don't fold in very well.

General information about the poster board:

- The computer generated boards take only about 6 to 8 hours. You will not be able to do it in one week-end..
- The board can be flat or it can be trifold (has two wings on the side that fold in). The trifold is better because you can adjust the width just by adjusting the wing sections in or out. The trifold stands by itself whereas a flat board will need supports in the back.
- Everything on your board **MUST BE PERFECT!** You will know if it is perfect or not. If you look at something and think that I may question it, change it. You have come a long way with a lot of hard work. Do it right. This may be worth a lot of money and awards to you – maybe even college scholarships.
- Your spacing must be perfect.
- Your type should be in big enough font to read clearly from about 3 feet. Your font should be in bold so it is easy to see.

DISPLAY STANDS

Your board must be free standing. You will not be able to lean it against a wall. You can use anything to support it in the back. No one will see it.

You can get the wooden stands at Aaron Brothers next to Staples at Crenshaw and PCH.

You can use anything from home that will support your board. Nobody looks behind the poster board to see what is holding your board up.

WHERE TO GET SUPPLIES: (if you are not doing the computer generated board)

POSTER BOARDS – MUST BE FOAM BOARDS; NO PAPER OR CARBOARD.

- **Aaron Brothers.** Located in a strip mall on the corner of Crenshaw and PCH. It is next to Staples. You can buy ready-made project boards (in white or black). The dimensions are 36 x 48 and the cost is \$14.59. Michael's and Staples also have them. You can get a custom made board cut to any size you want. They will also "score" the board by cutting and making the side flaps. Kinko's is best for this as there have been a few problems at Aaron Brothers.
- **Staples, Michaels,** and other office supply stores also sell the project-ready display boards (same price as Aaron Bros.

FOAM BOARD (THAT YOU CAN CUT TO ATTACH PRINTED SHEETS ONTO THE POSTER BOARD

- These are the foam board pieces you will use and attach to the poster board using Velcro. These sheets are made of the same foam material as the poster board and are the same width. It adds a great 3-D effect to your display.
- Aaron Brothers has 20 x 30 inch flat sheets in different colors.
 - ❖ White \$2.49 ea.
 - ❖ Black \$3.99 ea.
 - ❖ Yellow, green, red, blue, and silver \$4.99 ea.
- You can have Kinko's or Aaron Bros cut them to whatever size you want but they charge 25 cents to \$1.00 per cut. Cut them yourself using an EXACTO knife or a tile knife but use a ruler and make sure the cuts are straight. The trick here is to make sure your blade is sharp and cut SLOWLY. Staples sells a great EXACTO knife for

cutting. Come and see me and I will show it to you (cost at Staples is approximately \$12.00). a TILE OR BOX-CUTTER KNIFE IS ALSO EXCELLENT. Most people keep one around the house so ask your parents.

VELCRO

- Velcro is sold in rolls and you can cut off any length strip you want. It has a sticky side.
- Staples, Michaels or any stationary store. Home Depot has many different types of Velcro from round to strips. Home Depot is the cheapest.

GLUE

- Glues sticks ARE NOT GOOD! They soak into the paper and make the paper soggy and wet. This causes waves in the paper.
- Aaron Bros sells paper cement in a can with a brush. It is in a red can.
- You can use spray glue (also at Aaron Bros.) but be careful in using it. Practice first.