Your board needs to be set up like this. If you want to progress beyond Hornedo Middle School science fair, also follow the **ISEF Backboard Guidelines** .

Remember that you cannot bring in anything from your experiment (such as samples, equipment, etc). If you really want to show it, take a picture of it.

BE SURE YOU PUT YOUR NAME IN BLACK SHARPIE on the closed, top, right flap of your board.

<u>Abstract</u> This needs to be off your board in a free-standing frame, not here. Do this if you plan on advancing beyond Hornedo Sci Fair. Type and print out—scroll to page 2 on link for directions)	Title (Cute, catchy, funny, short & sweet to hook the judge) Purpose ("To determine the effect of _____ on _____.") Research Question ("What is the effect of _____ on _____?")	Results: Data-- Charts **(If you have too many pages of these to fit onto your board, staple them into a packet, then while presenting you can flip through them all)**
<u>Variables</u> –identify controlled, independent and dependent variables Procedure—make sure the steps are in a numbered list	Hypothesis ("If...then…will..." phrasing) Null Hypothesis ("If...then…will not..." phrasing)	Conclusions--- 3 paragraphs (This should discuss which hypothesis was accepted and which was rejected, your research and how it helped you, a real-world application of your results, what you learned, how you'd do things differently if you were to re-do this project and what a future project that builds on this project could be.)
Materials—make sure they are listed	Results: Data-- Graphs **(If you have too many pages of these to fit onto your board, staple them into a packet, then while presenting you can flip through them all)** Pictures --- 5 pics of you doing your experiment and of your materials, experimental set up and anything you feel is important to show.	****Staple your works cited to the end of your research paper. Attach a pocket by taping or gluing a page protector or manilla folder on the back of your backboard and keep the research paper in there.****