

## *So what do you know about Shoji screens?*

What are they made of?

How do they go together?

How do they work?      Time to get Googling.



I would suggest exploring [www.youtube.com](http://www.youtube.com) to see how traditional shoji screens are built and how modern materials are impacting the construction as western culture attempts to integrate good design into modern materials. You will want to look at multiple screens to get a sense of Asian design themes. It is important that your grid height is consistent and your design motif can be repeated in all of the windows in the room.

Your task: to measure the windows in the classroom and come up with a look that could work with all of the windows to make them look like they go together. Since we have mechanisms that need to be accessed: the shade function buttons and the casement opening functions you will need to design your windows to slide. This means you will probably have a two track system.

Resources: you can use anything you find on [www.amazon.com](http://www.amazon.com) , [www.homedepot.com](http://www.homedepot.com), or [www.Lowes.com](http://www.Lowes.com). You need to keep the cost to an absolute minimum. So, for example, if suitable rice paper 36" wide costs hundreds of dollars vs 15" wide paper for under \$20 you have to opt for seams or design to the affordable choice.

You will need a track system and maybe a roller or slide system. You will need rails. But primarily you will need to figure out the joints , sizes, and assembly process. You will probably learn about half lap joints, mortises, tenons and dowels.

Final Project: Design a Shoji screen prototype for the front left window with the Pride sticker. You will need an exploded view, an assembled view, an animation, and a complete materials breakdown.