

Design Proposal: Tasked with being an engineer, I tasked with solving and producing a toy kit that can be assembled by a child with the assistance of his family. The purpose of this kit should be meaningful, such as a kit for storage or a game that will last a long time. It should allow for bonding between a child and his family and give everyone a spiritual connection. I like to make stuff states, "The board surface is the platform that the Plinko pegs will be mounted to. The size of this surface really depends on how large you want your Plinko game to be. Mark out the peg locations in a single row and then draw the next row down so that those pegs will fall in the center of the gaps above. To create channels for the puck to land, I cut some small walls and attached them to the bottom of the playing surface. The top edges were beveled to a point so the puck couldn't accidentally land on top of the fences. Then you test it out and start playing. The approach includes selecting a design, sketching it on autocad, starting to build a prototype test the prototype, make refinements and write the final evaluation. The tests include, is it durable, fun and worthwhile. Is it easy to make and quick to make, do the pucks work. This should take me two days to make the whole board.

References: Price, J. (2018, June 28). How to Make a Plinko Board. Retrieved March 7, 2019, from <https://iliketomakestuff.com/plinko-board/>

The Pastoral Kit Design Brief Grading Rubric (Planning)

Ideation Steps are followed

1.	The problem is clearly stated in writing	0	(5)
2.	Ideas for the kit are sketched (minimum of 5)	0	(5)
3.	Research is documented (APA references with documentation of what was found at the site.)	ONE REF WITH INFO	(8) (5)
4.	<u>Criterion and Constraints</u>	MISSING	0 (5) (5)
5.	More ideas are formulated	MISSING	(5) (5)
A choice is made and technical drawn		DIMENSIONS?	0 5 (10) (15)
Design Proposal is written		NO HANDING	0 (10) (10)
	The problem is defined		0 (10)
	Research related to the problem is included (APA citations)		(10) (10)