

Puzzle Box design

by Keith Foster Shaffer

Puzzle Box Design Part 1

Section 1: Purpose Statement

Intention is to explain the purpose of this design.

Purpose Statement

What are we making

- we are making flush (no seams) puzzle box. a box that needs to be deciphered to open it

Why are we making it

- this box is meant to be a fun journey to solve and experience and it can be used to store and hide small items.

Who are we making it for

- it's meant for a person who want to a cool puzzle to solve for the fun of it or a person that wants to hide something confidential or to hide a message or small item. it can also be for someone that wants a small desk toy. it can be used as a gift and it's meant for all ages. it's main audience is puzzle enthusiast.

Puzzle Box Design Part 2

Section 2: Empathy Map

Intention is to show how people might feel about the thing im making.

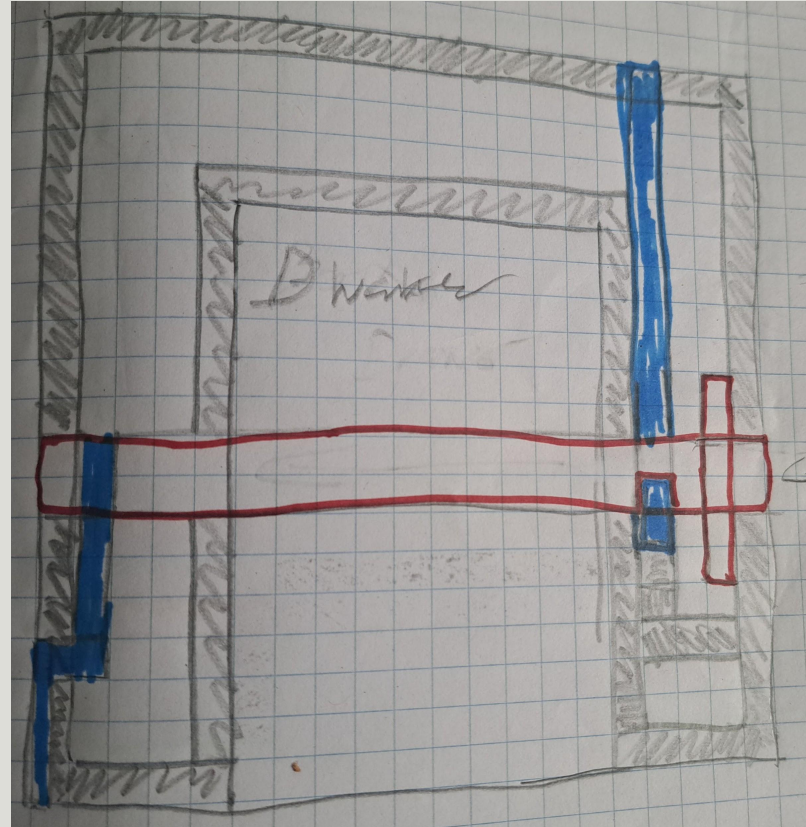
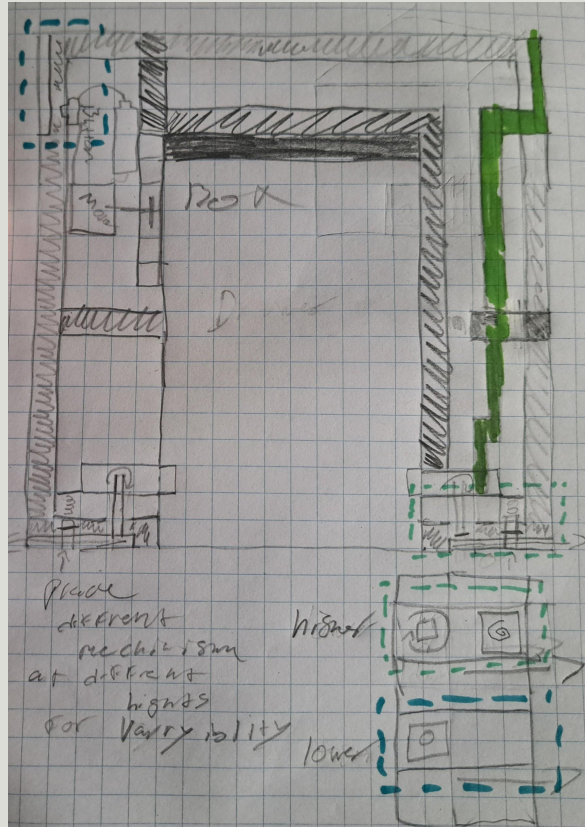
Empathy Map

<p>says</p> <ul style="list-style-type: none">• too hard• too easy• it's a puzzle box• it's a puzzle cube	<p>thinks</p> <ul style="list-style-type: none">• it's just a cube• a cool desk toy• it's a puzzle• it's complicated to solve
<p>does</p> <ul style="list-style-type: none">• solve• put together• take apart• break	<p>feels</p> <ul style="list-style-type: none">• happy• frustrated• confused• puzzled

Puzzle Box Design Part 3

Section 3: design

Intention is to show how it's going to work.



Final Slides and research

Final section: Research and people
Intention is to show what people truly think about the
Puzzle Box.

Research exempt outsourced info

Research

response

Reddit

I think if you want to do a puzzle box and have it be an actual puzzle box you need kind of tactile or visual element the players can interact with, otherwise it'd be like building an IKEA bookshelf with nothing but someone over the phone reading you the instructions. Sliding box puzzles, tilting marble puzzles, and game boards like chess or checkers are good for this

Reddit

I'd honestly go as far as handing them an actual puzzle box, but then again that's the sort of thing I'd display on my shelf afterwards so it's not like I'd be spending money just for the game. Alternatively, there are guides for making puzzle boxes out of LEGO that you could use. It probably won't be as cool a reveal as a nice wooden puzzle box, but it's a much cheaper alternative!

Random person from school

There pretty cool, i like the fact if you could hide something it's a good place to hide it. And it's a really cool way to hide something

Someone from DAE

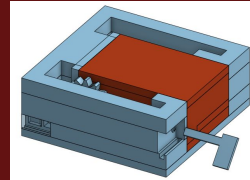
There fun there cool. The design is cool, and it's nice to put something in there and to solve a riddle to get that item.

End of slides and extras

All the research done was done for information only
All uses of this information is for learning purposes only

This design is not yet finished but this shows what's going on.
This link will take you to a Onshape document for the 3D design
Of this Puzzle Box.

[Onshape document for Puzzle Box](#)



(this is not to size)

Please Don't steal any ideas and Don't tamper with the document.