

Spooky Halloween Checkers

Material: Acrylic

Fasteners:

- Key
 - for connecting the two halves of the individual checker pieces together
 - one unique design per group member (4 designs total)
- Notch
 - for connecting all the checkerboards together
- Slot
 - for the checkers pieces

Concepts:

- Checkers
 - Board (10 x 10 in)
 - 8x8 squares = 64 squares total (1.25 x 1.25 in. not including notch)
 - 16 checkerboard squares per person (two halves to each checkerboard piece so 32 pieces per person for checkerboard)
 - 32 pieces that will not have notches so that the border is clean
 - board uses key for fitting two halves of individual piece together
 - key has a slot in the center for fitting the pieces (0.2 x 0.124 in.)
 - outside edges will use notches to join them to other group member checkerboard pieces
 - Game pieces (max height 1.5 in, max width 1.2 in)
 - 24 game pieces
 - everybody does 6 pieces (3 designs 2 each)
 - game pieces will have **slot piece at the bottom** that is 0.2 wide and 0.124 high or 0.2 wide and 0.248 high so they fit into the slot on the checkerboard
 - Game piece designs (3 per person and we double them)
 - Ghost
 - Poison apple
 - Alien
 - Owl
 - Jack-o-lantern
 - Witch hat
 - Spider
 - Skull (Norman)
 - Frankenstein (Norman)
 - Vampire (Norman)
- Spooky/halloween
 - Guess we should start standardizing

- Figure out what colors/what the heck do we want it to look like at the end
- Look at checker pros, what they're up to rn
- Is this actually checkers or something that plays on the idea of checkers

Tasks:

Laser cutting - Cat

Post production (sanding/painting) - James

Video - Catherine

Picture documentation - Everyone

Final schema - Norman

Design Option 4:

- Checkerboard pieces: 8 designs (2 per person) -> 128 pieces
- Game pieces: 12 designs (3 per person) -> 24 pieces
- Checkerboard keys: 8 designs (2 per person) -> 64 pieces
- Total piece count: 216 pieces

Design Rules:

- Notches on the borders allow each piece to be put together to build the playing board
- Keys are used to assemble the two pieces that create a single board piece
- Slots are used to allow the pieces to travel across the board
- The board does not have to be the standard 8 x 8 playing field (up to the players)