

Total cards: 25 - 12500

Total fold: 48 - 4800

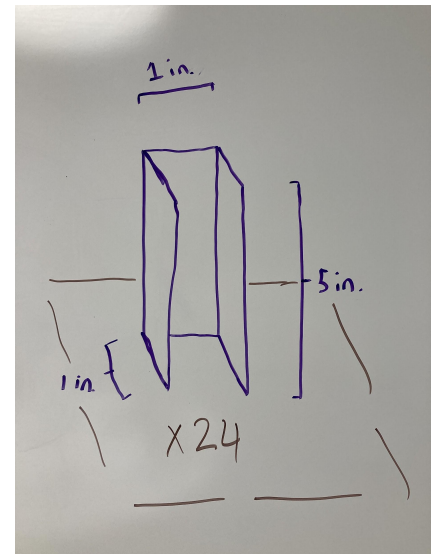
Total: 17300

### Phase 1: Making the Bricks

- Step 1) Ask yourself, how's your day going so far? If your feeling stressed, just keep telling yourself your going to be okay. Brainwashing is an effective tactic for mind control.
- Step 2) Gather 25 cards
- Step 3) Take 24 of the cards and make vertical folds 1 inch from both edges-All three sides must be equal. Short side of the card should be on top and bottom. **PRECISE AND ACCURATE FOLDS REQUIRED.**(Faster ways include to fold 5 cards at once) I don't wanna see any silly business with those edges. See figure 1

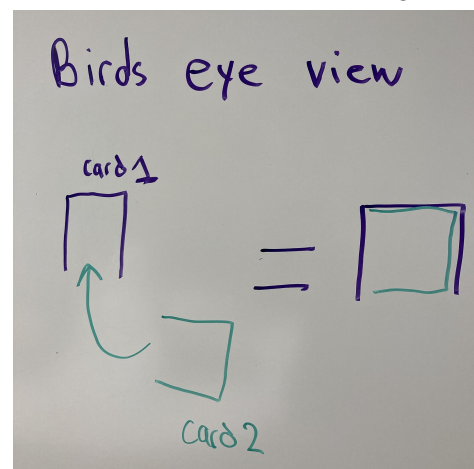
#### \*IMPORTANT Notes

[If your recognise the cards stop fitting snugly (edges start warping outwards like this \\_/), make the cards folds (the 1inch away from edges ones) make the center slightly wider by shifting the folds outward.]

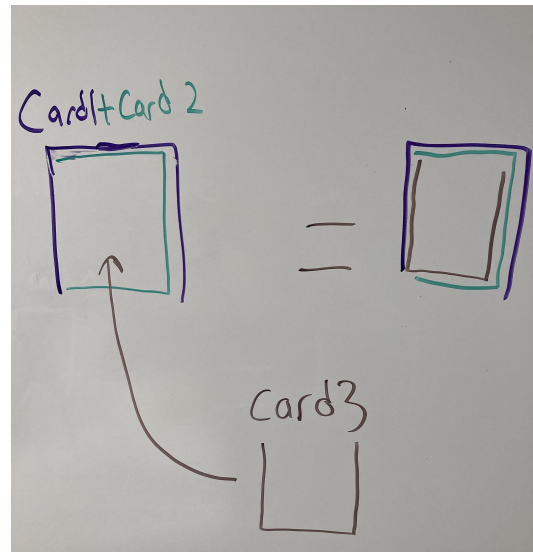


### Phase 2: Putting the Bricks Together to Make the Walls

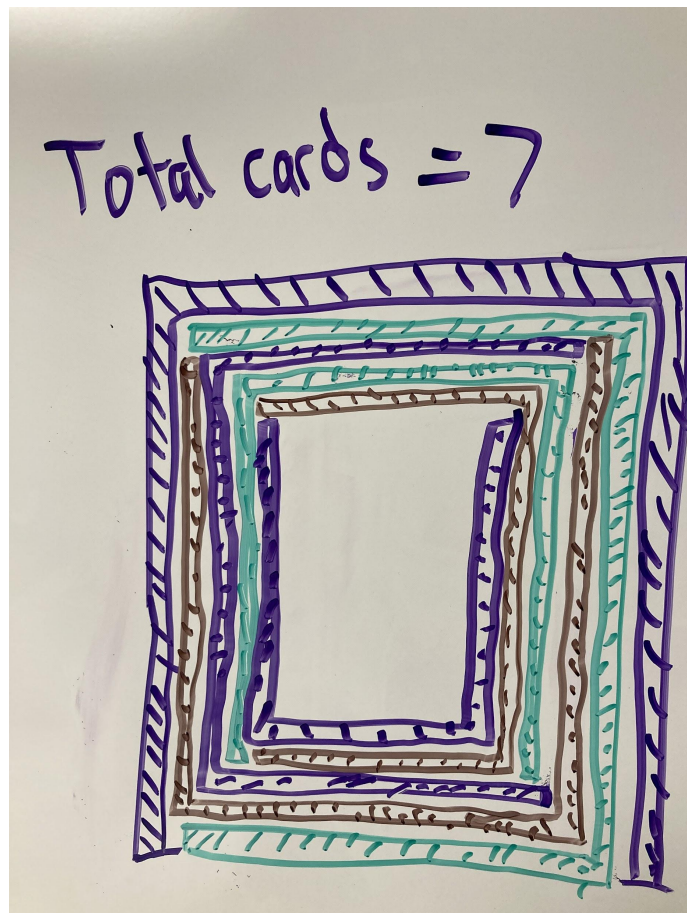
- Step 1) So now that you've done all the heaving lifting, you've now got to do the heavy lifting portion of this building.
- Step 2) Take one card and place it vertically. Take a second card, rotate 90° degrees and place it inside first card. See Figure 2



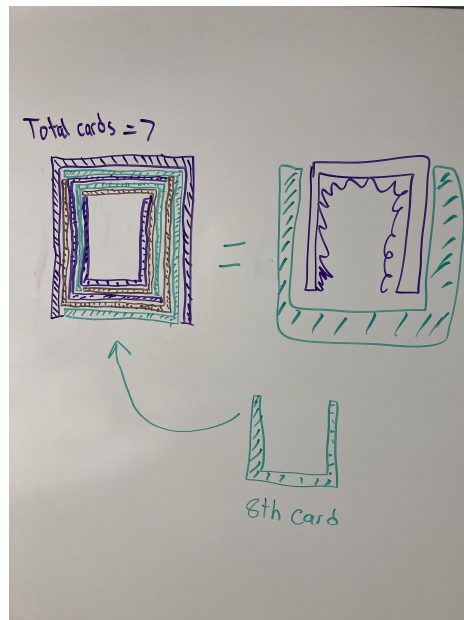
- Step 3) Take a 3rd card, again, rotate 90 degrees, and place inside 2nd card. See *Figure 3*



- Step 4) Repeat rotating process until your blocks have a total of 7 cards. See *Figure 4*



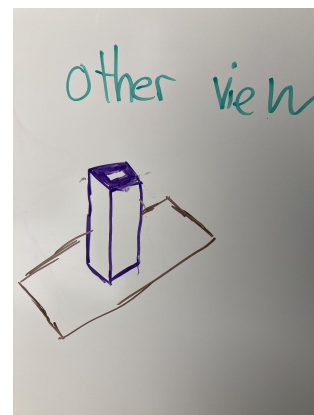
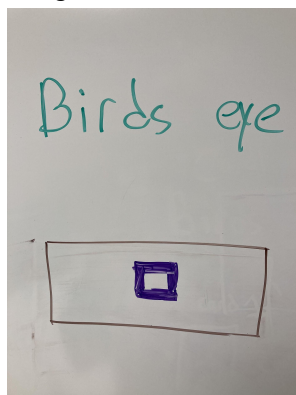
- Step 5) For the Final card of this block, place on outside, parallel with the first card. See *Figure 5*



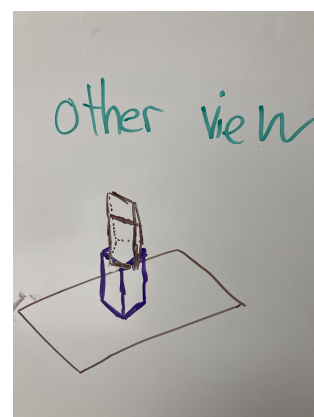
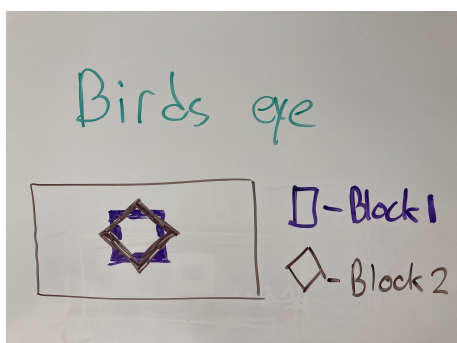
- Step 6) Repeat steps 1-5 two more times.

### Phase 3: Putting the Walls Together to Make the Exterior of the House

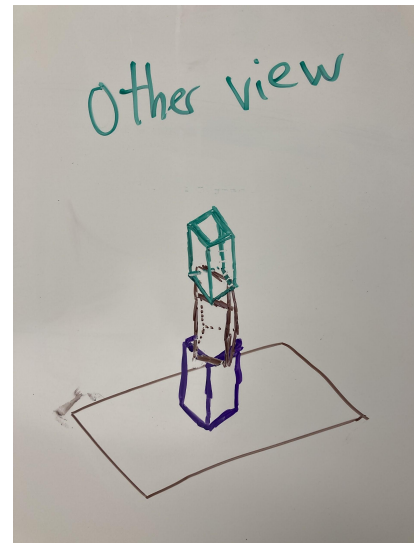
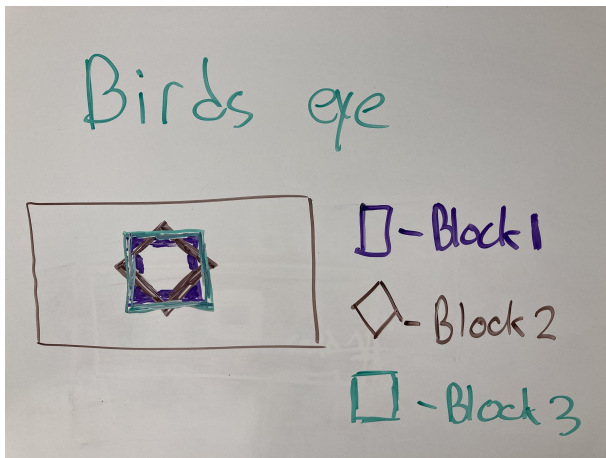
- Step 1) Place the one unbent card (25th card) flat as a base on the floor
- Step 2) Place one of the blocks (made in steps 1-5 phase 2) in the center of the card on the floor. See *figure 6 and 7*



- Step 3) Place the second block on top of the first block with a 45° rotation. See *Figure 8 and 9*



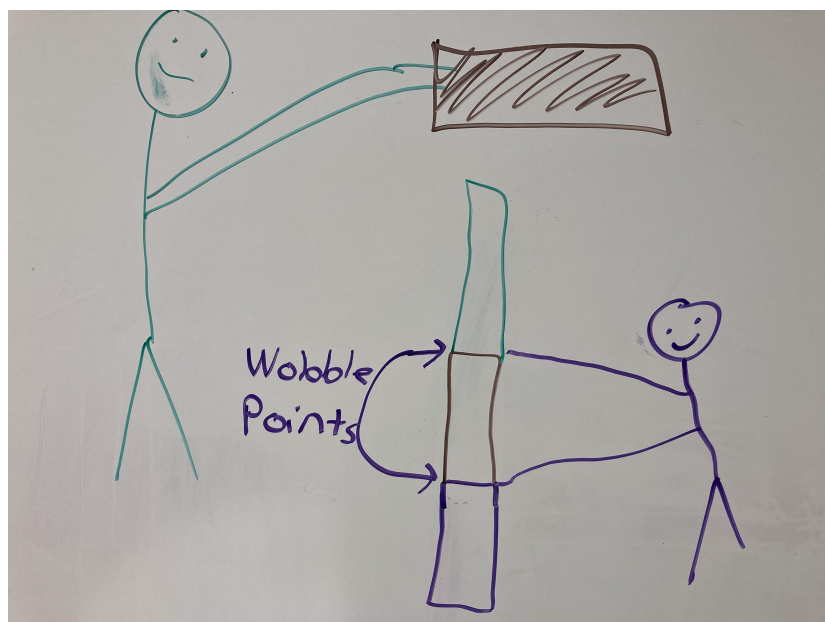
- Step 4) Place the final block on top of the second block in another 45° rotation. See *figures 10 and 11*



Congrats. You've now built the tower that is going to win this competition. One more thing you have to do though.....

#### Phase 4: **Putting the Cement Roof onto your Paper House**

- Step 1) Putting the brick onto the tower is a two person job. Assign one person to be the brick placer and a second to be the tower holder.
- Step 2) When putting brick down, have the tower holder use their hands to hold the tower at the wobble points in *figure 12*. Make sure, as tower holder, you do not change the rotations of each block, you simply want to feel each block and make sure they are centered. You will also be helping the brick placer by telling them how they should shift the brick.



- Step 3) Brick placer, place that brick. As David once conquered the mighty goliath, you will be conquering all other teams in this competition. Place your brick with confidence and watch as your paper house holds the mighty brick.
- Step 4) Celebrate. Maybe put on a few more of those little weights.