

Sensory Friendly Science:

Make an Infinity Cube Fidget



Materials You Need:

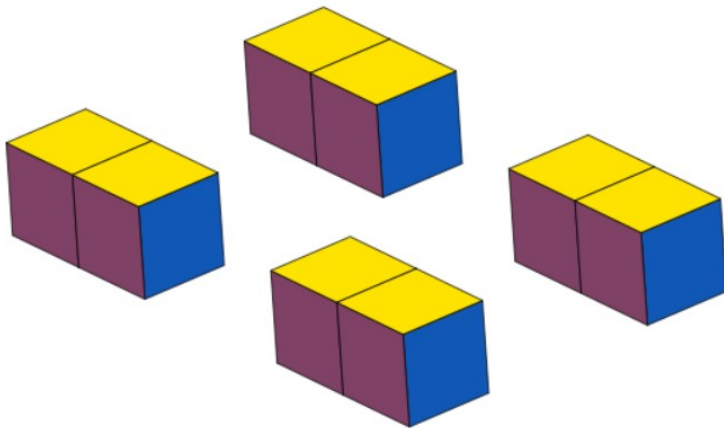
- 8 identical sized cubes (dice, building blocks, etc.)
- tape (preferably strong tape, like duct tape or clear packing tape)
- scissors (to cut tape)
- ruler

Orient all of the cubes the same direction. The sides of these cubes in the illustrations are colored to make it easier to follow. The original orientation of the cubes is below and at the top of each page. The tape is represented by the green highlighting.



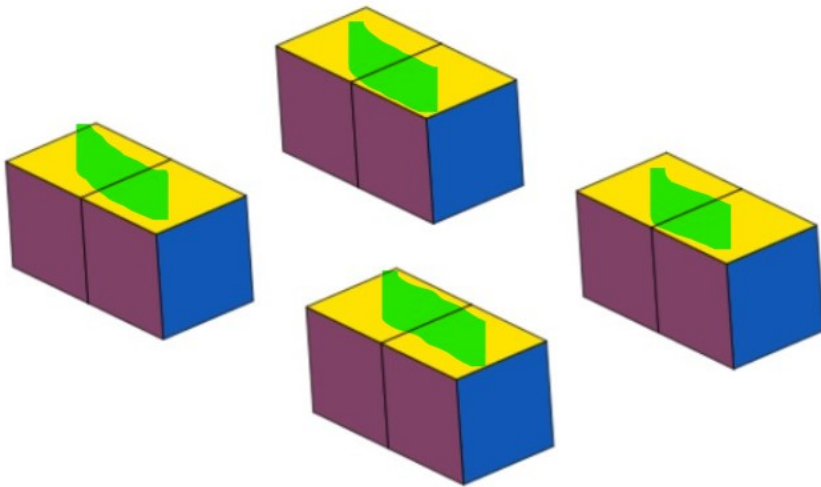
The dimensions of your tape depend on the size of your cubes. You want your strip of tape to be a little shorter than 2 cubes and slightly narrower than 2 cubes. You can use different colors of tape or add stickers or pictures over your tape-, but taping your blocks together before decorating is recommended.

1. Group your 8 blocks with the same sides up. Split them into 4 groups of 2 blocks.

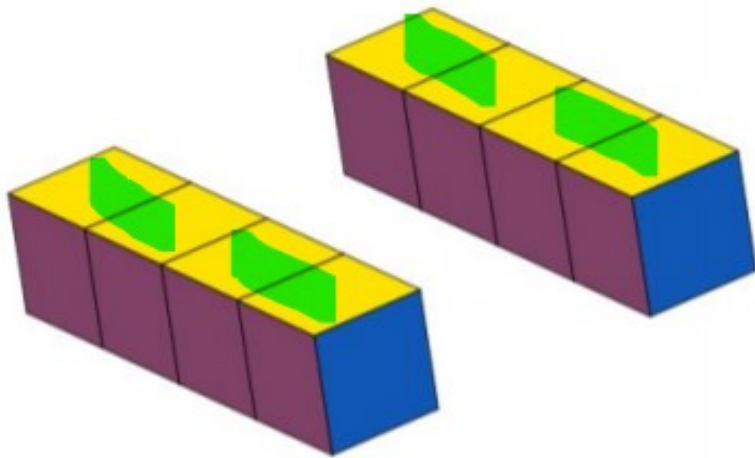




2. Put a piece of tape across the top of each pair of blocks.

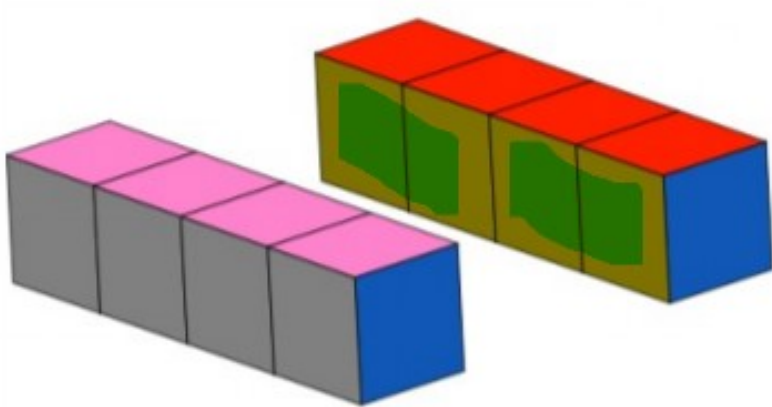


3. Slide the ends of your taped blocked groupings together, keeping the original top side so the tape is still on top.

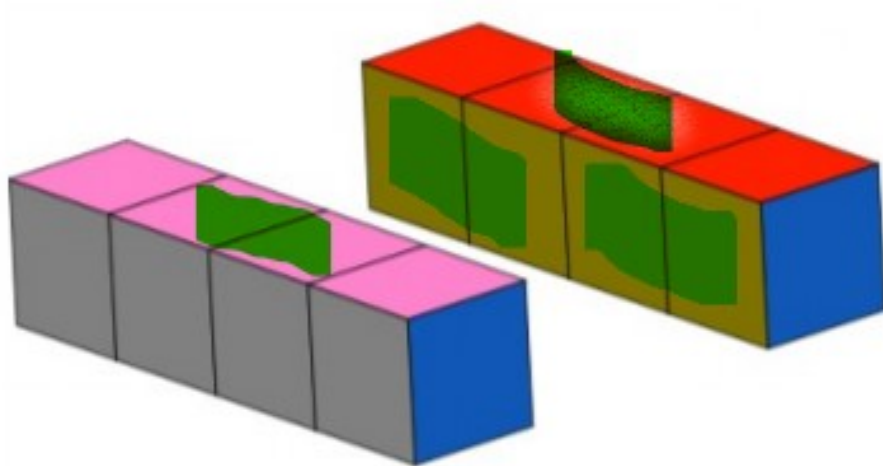




4. Rotate your rows of blocks so that your original taped top is in the center. The 4 original pieces of tape should be facing each other (in the center).

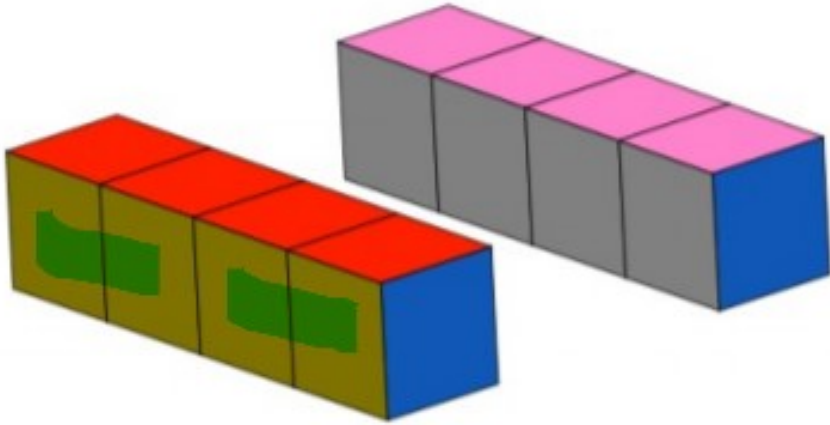


5. Place a piece of tape across the tops of the center blocks in each of your 2 groups, taping the middle two.

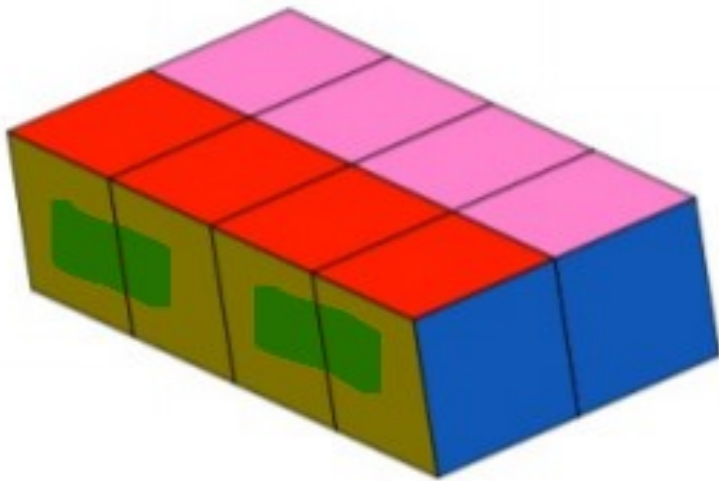




6. Rotate the blocks again, so the original tops with their 4 pieces of tape are facing the outside.

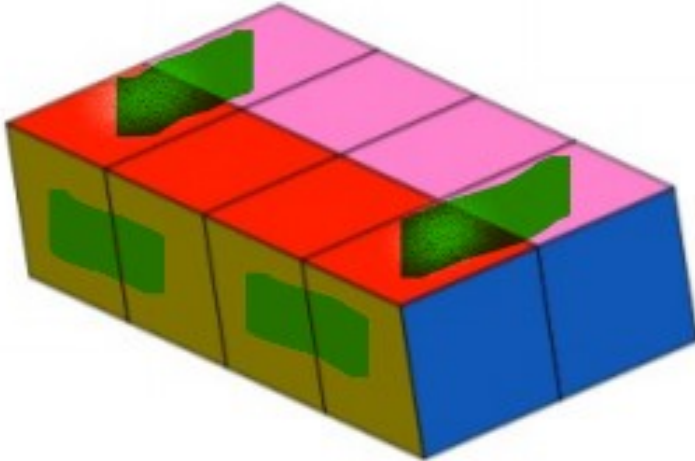


7. Slide your groups of blocks together.





8. Place a piece of tape (this is the only piece going the other direction) across the pair of blocks on each end, connecting your two rows.



9. Reinforce everything! Fold your cube up, and on the opposite side of every joint (where you can see the back-side of one of your pieces of tape), put another piece of tape. Reinforce every joint.
10. You can decorate! Add stickers, cut up a photo, or use colored tapes to reinforce. This is your unique infinity cube!

Share your creations with us by emailing zeller@impression5.org or tagging us on Facebook!