



# Infinity Cube/Origami Cube

## Craft

This craft can be made with either eight of the basic cubes or eight origami cubes as the base. Choose the base cube you would like to use.

### Supplies:

- 4 copies of cube printed on cardstock (basic on p. 2) or copy paper (origami on p. 3)
- Scissors
- Crayons, colored pencil, pencil, or colored markers
- Glue stick, adhesive dots (8620), or liquid glue (8629)
- Clear tape

## Basic Cube

### Prepare eight cubes:

- Color 8 cubes:
  - Use a different color for each side of each cube.
  - Color all 8 cubes **identically**!
- Cut along the outer black line.
- Fold on all dashed lines.
- Place glue on the tabs labeled "glue."
- Assemble the box by folding and pressing the glued tabs to the inside of the box, starting with the sides and ending with the top (square with three tabs).

## Origami Cube

**Prepare eight cubes:** (You will be folding 48 squares to create 8 cubes.)

- Color all 48 squares:
  - Assemble 6 stacks of 8 squares. (Each stack will make up one side of a cube)
  - Color within the smaller dotted square on each square, keeping all squares within a stack colored **identically**; however, color each stack different from the other stacks.
- Cut along the outer black lines of each square.
- Fold each square (dashed gray lines indicate folded line, and lines do extend into the graphic dotted square):
  - Fold square in half, open, then fold each side to meet at center fold.
  - Rotate square 90°.
  - Fold strip in half, open, then fold each side to meet at center. This creates the flaps of each side of the cube and will be hidden after assembled.
  - Open ends (flaps) of each side of the cube so that it is "U" shaped.
- Assemble squares to form a cube.
  - **Tips:**
    - This part can be tricky, so be patient and carefully hold each cube together as you add each side.
    - As you add each side of the cube, you

will cover the flaps from the previous side(s).

- After adding a side, rotate the cube away from you so that you are always adding to the top of the cube.
- Stand the first side of the cube on its side so that it looks like a "C".
- Add the second side of the cube on top of the first by placing the flaps inside the flaps of the first side. Do this for all four sides of the cube, keeping the original side always on the left.
- Add the right side of the cube by rotating the cube so that the left side is now graphic side-down on the table.
- Slide the flaps of the final side over the flaps and between the backs of the sides on the left and right.
- Square up your cube by making sure all flaps are inside the cube and all sides are nice and tight together.

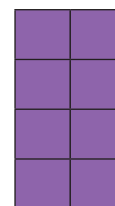
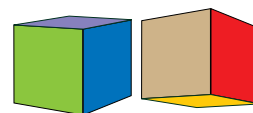
### Infinity cube assembly instructions:

**Note:** Tape will act as a hinge across boxes. Each time tape is added, you will open up the hinge and tape across the back side of the hinge so that the tape is encased, with the exception of the last two pieces of tape. Add tape across the entire edge of the cube so that the cube rotates smoothly.

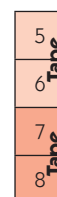
1. Lay all eight cubes down with tops of boxes facing up and in the same direction.
2. Tape across the tops of boxes 1 & 5 and 4 & 8. (Shaded boxes indicate tape.)
3. Open 1 & 5 to tape across backside of boxes; repeat with boxes 4 & 8.
4. Return stack to original position, and grab entire stack and rotate right.
5. Tape together 5 & 6 and 7 & 8.
6. Return to original position.
7. Add "Memorize It!" questions/answers across the cubes, rotating until all cubes have text on them.

## Activity Instructions

- Rotate the infinity cube over and over to review your memory work. Each time you rotate the cube, different portions of the memory work will show.
- Continue to rotate to review your memory work until you can recite the answer and verse without any hints.



1	Tape	5
2		6
3		7
4	Tape	8



5	1
6	2
7	3
8	4

