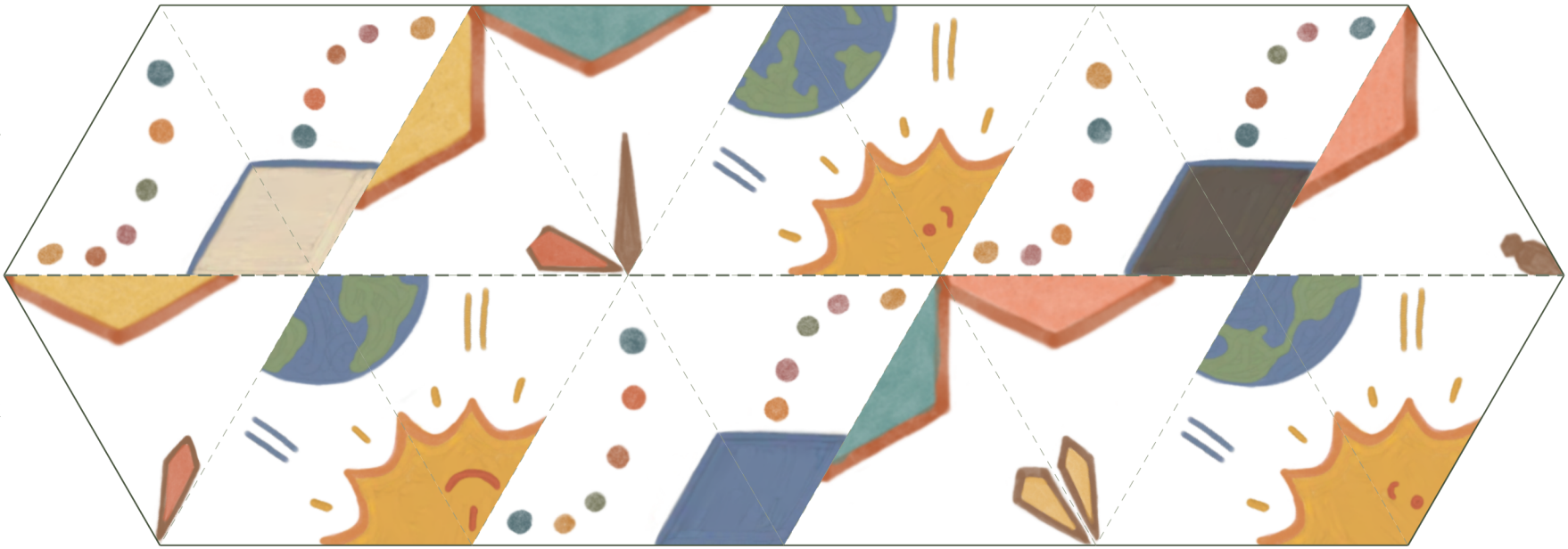
flexagon studio / Trihexaflexagon

FRONT

BACK

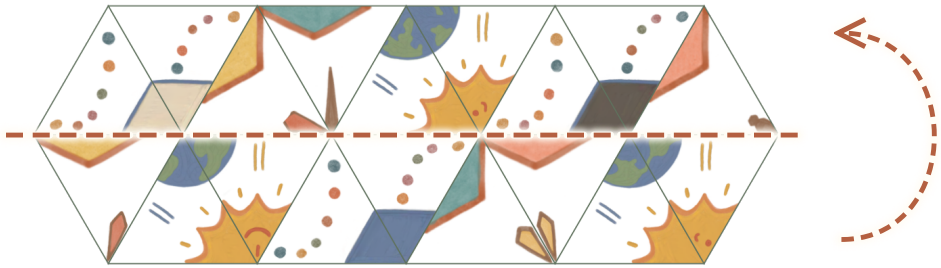


Prepare

Print the artwork page. You'll need scissors, glue, and clear tape.

1 Fold and glue

Fold along the long dashed line. Glue the blank sides together, artwork facing out.



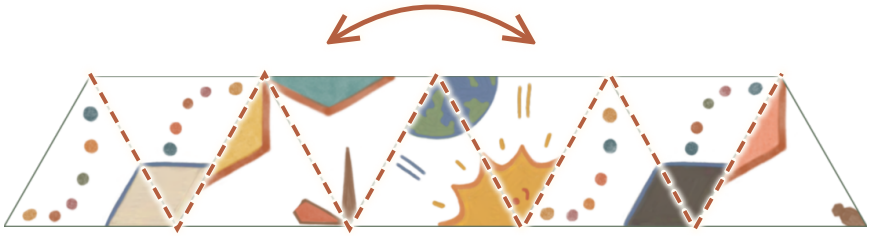
2 Cut out the strip

Cut the outline through both layers.



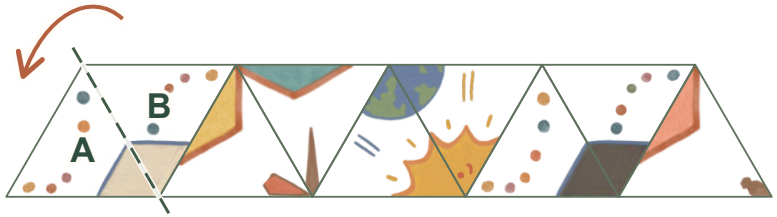
3 Pre-crease

Fold each diagonal crease both ways, then open the strip flat.

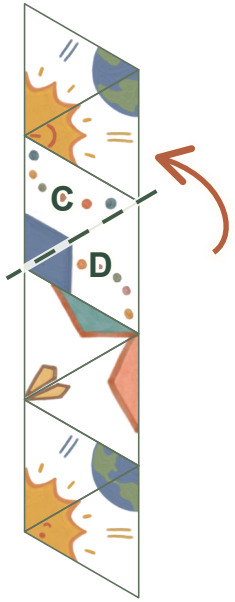


Fold

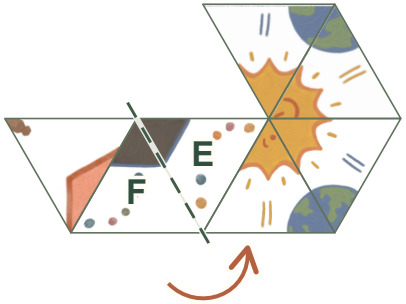
1 Fold B onto A.



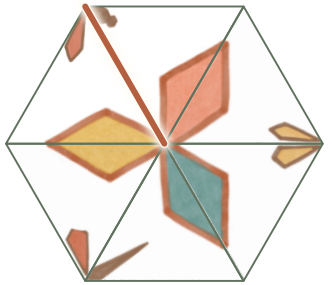
2 Fold D onto C.



3 Fold F onto E.

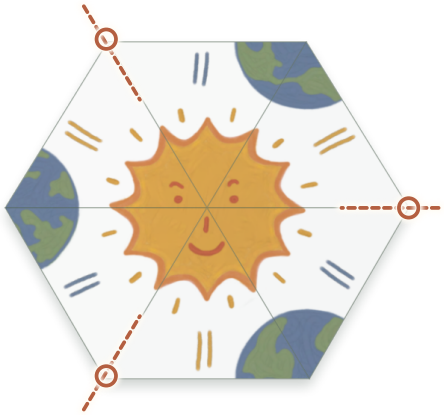


4 Turn entire hexagon over. Tape the open seam.



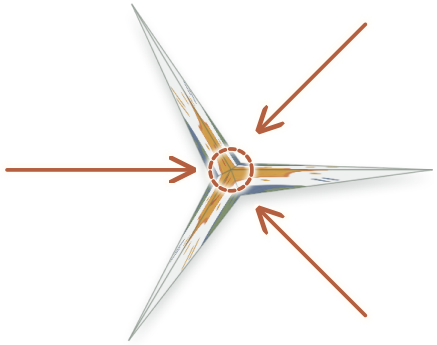
How to flex your trihexaflexagon

1 · Pinch three alternate corners

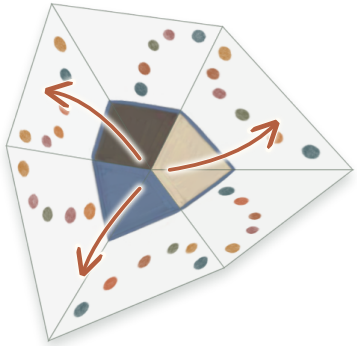


The other three corners should move away from you.

2 · Push the other three corners to the center



3 · Open from the center



If it won’t open, start with the other three corners instead.

Keep exploring

Flex again, then flip the hexagon over and keep exploring. Flipping reveals arrangements you cannot reach by flexing one side alone.