IN THEATRES JUNE 19

Make a Hexaflexagon!

A Hexaflexagon is a 'magic' mathematical shape that you can keep flipping inside out to reveal hidden pictures. Cut out the shapes and have a go - can you find all 6 images?
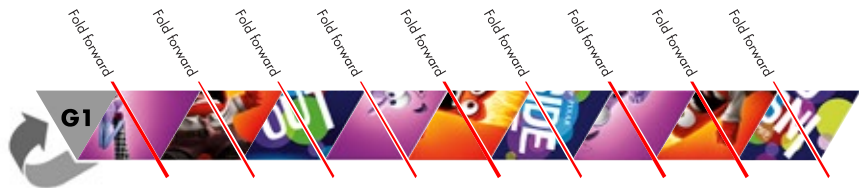
Step 1

Cut out the small template, or cut out and join the 3 pieces to make the big one. Then, fold it down the middle along the red line

Fold back
Fold back
G2
G1

Step 2

With 'G1' facing up, fold forward on each of these red lines in turn

G1
Fold forward (×9)

Step 3

You should end up with shape that looks like this...

Front
Back
G1
G2

Step 4

With the 'back' facing you, fold along this line, folding side 'A' behind side 'B'

A
Fold back
B

So it looks like this...

G1

Step 5

Fold along this line, folding side 'B' over side 'A'

A
Fold forward
B
G1

So it looks like this...

G2

Step 6

Bring 'G1' out from behind so it sits in front, then fold and stick 'G2' on to 'G1'

G1
G2
G1
G2
Back
Front

How to use it

Pinch any corner together...

...push the opposite corner in and back

Until you have a 3-point star...

...and you can see a new image inside

Then 'peel' open the middle of the star...

...to reveal the new image

INSIDE OUT

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G1
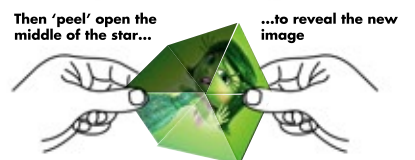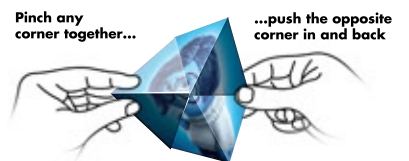
Part 'A'

Big template

PART 'A'

Carefully cut out along the dotted line

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INSIDE OUT

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Glue part 'A' on top of here

Glue part 'C' on top of here

Big template

PART 'B'

Carefully cut out along the dotted line

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G2

Part 'C'

Big template
PART 'C'
Carefully cut out along the dotted line

Inside Out

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Part 'A' **G1**

G2 Part 'C'

Small template
Carefully cut out along the dotted line