

## Idea Hatch: STEAM for Kids

### 3D Illusions

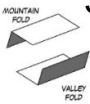


Join the program *LIVE* online!  
Dec 10th at 4pm  
[jclibrary.info/events](http://jclibrary.info/events)

1. Color your paper figure.



2. Carefully cut around the figure.



3. Fold on the lines, check which direction to fold.



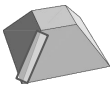
4. Stick the tabs with glue dots.

5. Make another one to give to a friend!

### Digital Hologram

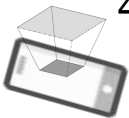


1. Carefully cut around the plastic trapezoids.



2. Tape the sides to make an inverted pyramid.

3. Search online for 'Hologram' and find a video with 4 images.



4. Set your inverted pyramid in the center of the video, and see your 3D projection!

VR is another 3D illusion. Have you tried any VR games or activities?

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### 3D Illusions

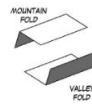


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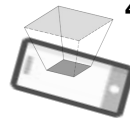


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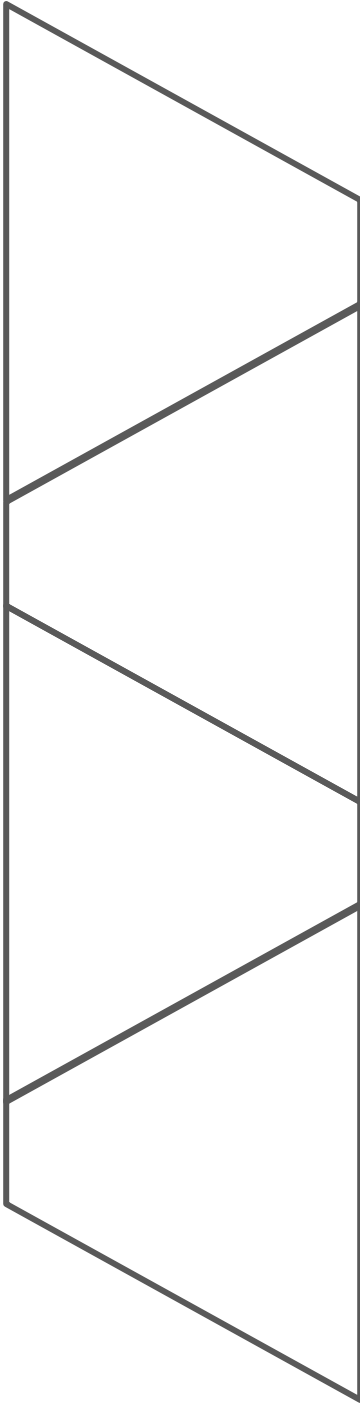
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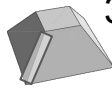


## *Digital Hologram*

1. Use the template to trace your trapezoids on thick plastic.

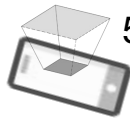


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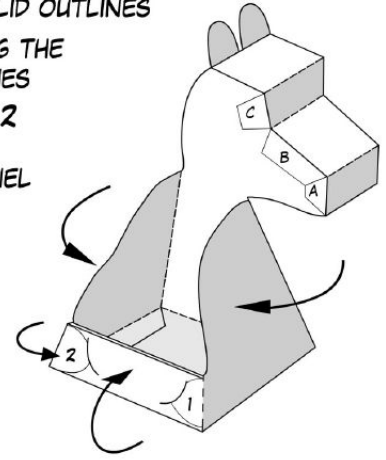
# 3D COW ILLUSION

COLOUR THE COW THEN CUT OUT,  
FOLD AND ASSEMBLE (SEE DIAGRAM)

- CUT ALONG THE SOLID OUTLINES

- FOLD ALONG THE DOTTED LINES

- INSERT TABS 1 & 2 INTO THE SLOTS ON THE BACK PANEL



STAND APPROX 1 METRE AWAY, CLOSE ONE EYE AND LOOK AT THE CREATURE'S EYES. MOVE AROUND TO SEE THE ILLUSION...

