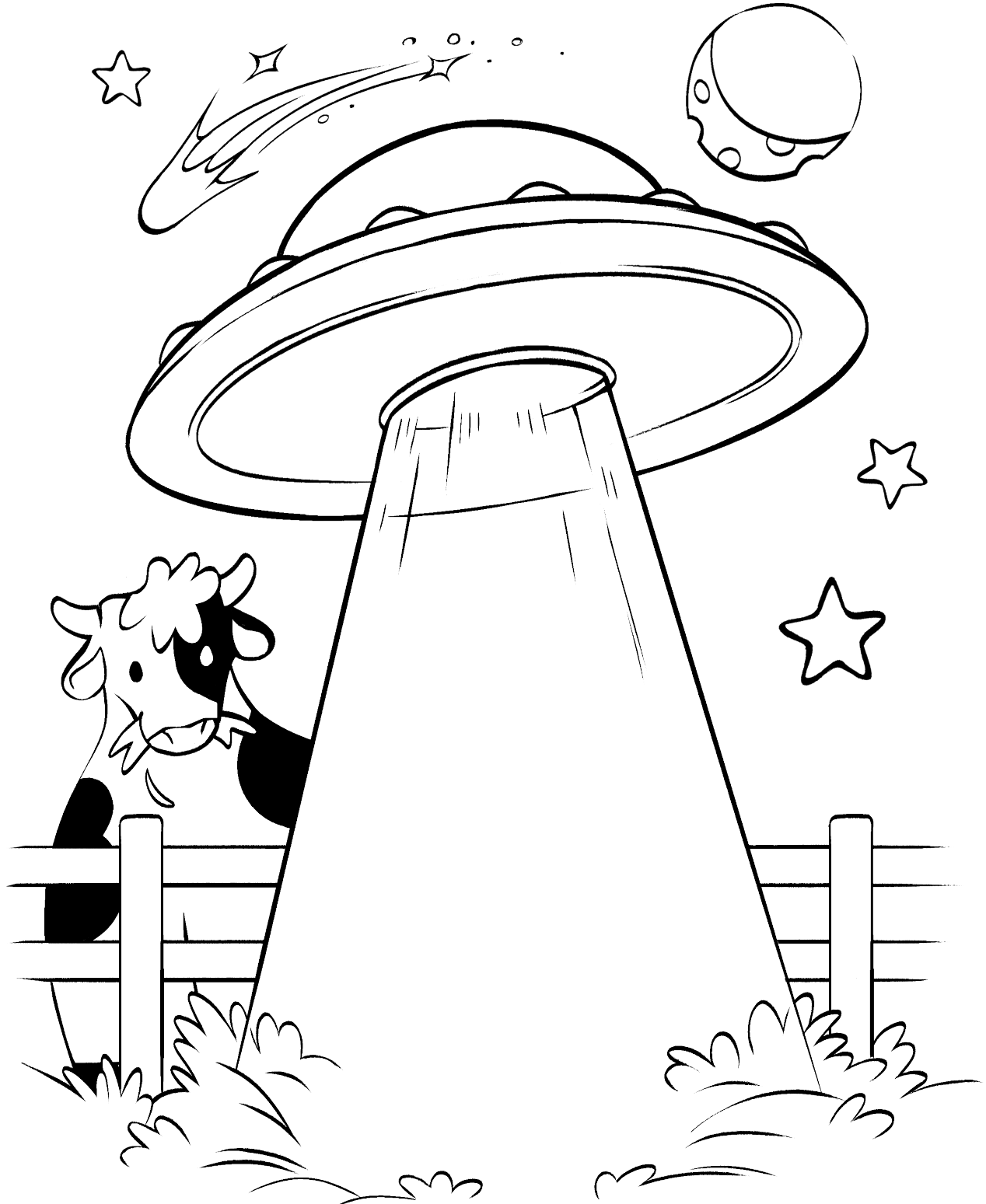


Draw your own alien!

READ BEYOND THE BEATEN PATH. LEE MÁS ALLÁ DEL CAMINO CONOCIDO



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SCIENCE FICTION: DIY LAVA LAMP

You know the mesmerizing feel of watching a lava lamp, with its large colored bubbles sinking, rising, and morphing? The action you see is a fun science experiment!

With this project, you can make your own (temporary) DIY lava lamp with household materials! This experiment works because oil is less dense than water so the water will naturally sink to the bottom of the jar. When the Alka-Seltzer is dropped into the jar, its interaction with the water creates pressure in an upward direction, and the oil pushes it back down. This pressure back and forth is part of what creates the lava lamp.

For visual instructions: www.pinterest.com/pin/670332725795097775

Supplies:

- 1 cup water
- Baby oil or vegetable oil
- Glitter (optional)
- 1 Alka-Seltzer tablet
- Food coloring
- Mason jar, clear glass, or clear plastic bottle
- Stir stick



Instructions:

1. Fill the flask most of the way with your choice of oil.
2. Fill the rest of the flask with water. The oil floats and the water sinks to the bottom of the jar under the oil and looks like little, clear blobs.
3. Add a few drops of food coloring; your choice of color. The food coloring is water-based, so it will also sink and color the water that is now at the bottom of the flask.
4. Break an Alka-seltzer tablet into a few small pieces and drop them in the flask one at a time.
5. Watch your lava lamp erupt into activity! As the chemical reaction slows down, simply add more Alka-seltzer.