## Aurora Z Att

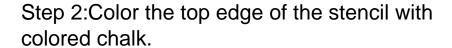
Create your own artwork inspired by the northern lights!

### Materials Needed

Aurora stencil (or draw your own), black paper, colored chalk, scissors. Optional: Tissues.

#### Instructions:

Step 1:Cut out the aurora stencil. If making your own, cut a strip of white paper or cardstock in a wavy aurora shape.



Step 3:Place the colored stencil on your black paper, chalk side up. Smudge the chalk onto the black paper using your finger or a tissue.

Step 4:Repeat using different colors to fill the sky with the colors of the aurora.

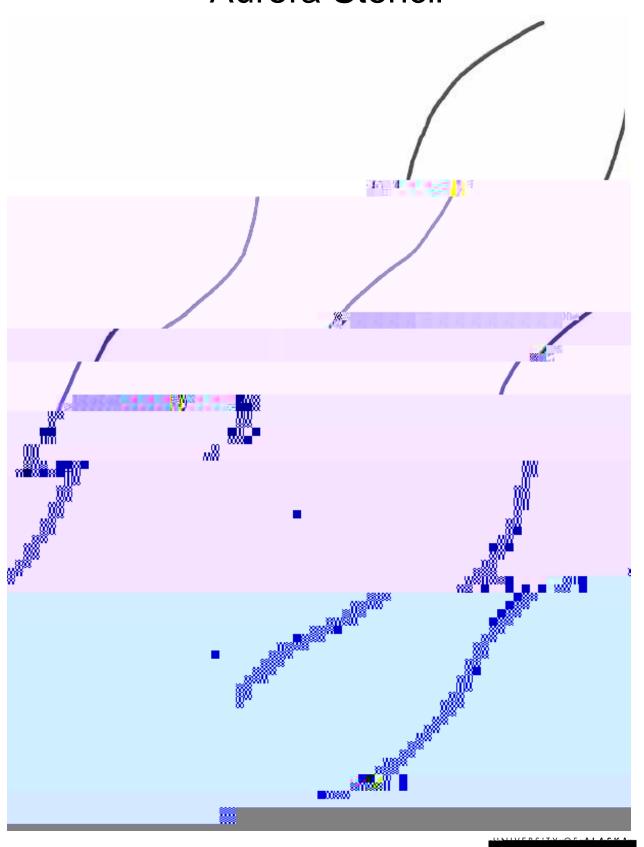
Step 5:Add a cabin, trees, campfires, or other things you might see under the northern lights. Be creative!







# Aurora Stencil



## **Aurora Colors**

The ^unemits a constant stream oparticles, called the solar wind.

toward the poles. When the particles enter the atmosphere, they crashinto gases. This existes the gases, and they give off light like a neon sign.

of the northern lights.

Redlight is caused by energized oxygen high in the atmosphere.

Green the most common light, is caused by energized oxygen in the middle of the atmosphere.

Purplelight, which can appear white or light blue, is caused by energized nitrogen lower in the atmosphere.

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Theaurora sæn from the International Space Station. Image: NASA.

Joe Huff / NASA

Terry Zaperach / NASA

