

Northern Lights

check list:

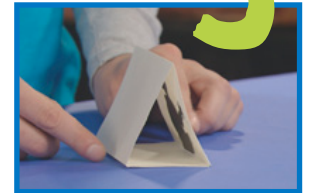
1. black backdrop (Bristol board or material on a frame)
2. scissors
3. cardstock (light brown, green, black)
4. brown tissue paper
5. white paper
6. glue
7. pencil
8. 2 battery-powered tea lights
9. sticks
10. coffee cup with lid (cleaned)
11. wax paper
12. puck light (from any hardware store)
13. digital camera with tripod
14. glow sticks (blue, green)
15. computer, printer, photo paper



To begin, you need to create the scene. Use black Bristol board or black material for the night sky, light brown cardstock for the tree line, and brown tissue paper for the ground.



Fold a piece of white paper to make a triangle tent. Glue the ends together. Cut grass out of green cardstock and glue it to the outside of the tent.



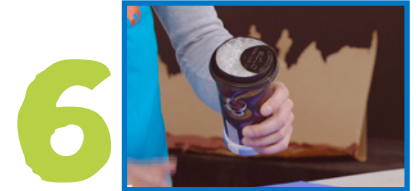
To put a person in the tent, draw a figure on black cardstock with a pencil. Use scissors to cut out the figure, then glue the person to the inside of the tent.



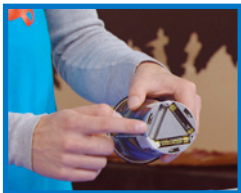
To see the person in the tent, turn on the battery-powered tea light, then put it in the tent. Can you see the shadow?



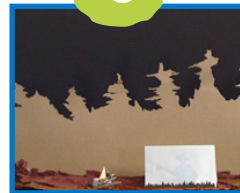
To make a cozy campfire, glue small sticks to a tea light. The fire glows when you turn on the tea light.



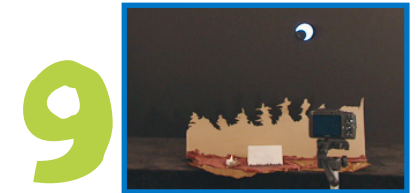
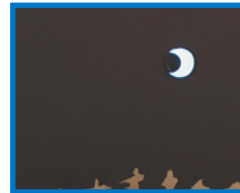
The final detail for the scene is the moon. Cut a moon shape in the lid of a coffee cup. Glue wax paper to the underside of the lid and put the lid back on the cup.



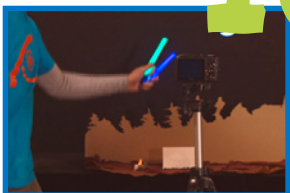
Cut out the bottom of the coffee cup, then glue on a puck light. Turn on the light and the moon shines!



To set the scene, place the tent and campfire on the brown tissue paper. To add a moon, cut a circle the same size as the coffee cup lid in the black Bristol board, then stick the moon in the hole.



To paint the sky with northern lights, place a digital camera on a tripod in front of the scene. Set the camera on a wide-open exposure, and set the shutter so it closes in four seconds. If you're not sure how to do this, ask a grown-up for help.



Turn on the glow sticks, turn off the lights in the room, and turn on the camera. Wave the glow sticks in front of the camera for four seconds and see the cool effects!



Let's see how the picture turned out. Whoa! Look at those northern lights!

Connect the camera to a computer and print out the picture on photo paper. Ask a grown-up for help if you need it.



Make a frame for the photo. Try gluing together sticks, then gluing them onto the picture. Pretty neat!

Painting with light—now that's Artzooka!!

Upload pictures of what YOU make at cbc.ca/kids/games/artzooka