

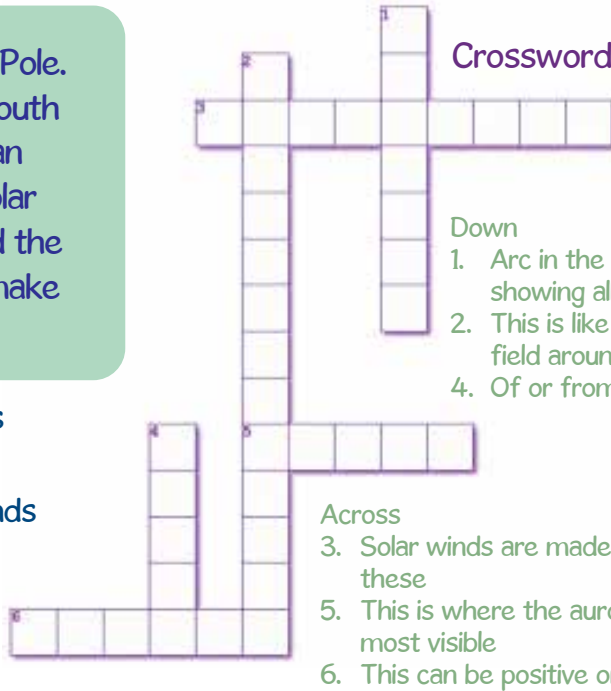
The aurora borealis can be seen near the North Pole. And the aurora australis can be seen near the South Pole. Auroras are curtains of brilliant light you can see in the night sky. They actually come from solar winds that Earth's magnetosphere sends toward the poles, heating the gases of the atmosphere to make different colors. Did you also know...

- ✓ The magnetosphere is a magnetic field that Jesus Christ designed to surround and protect Earth.
- ✓ Every day, Earth's magnetosphere blocks solar winds that could be harmful.
- ✓ Solar wind is made of charged particles that have traveled millions of miles from the sun.
- ✓ Charged particles are particles that have an electric charge, which can be positive or negative.

Unscramble the letters to form words found on this page

caltirpe _____
 gsthli _____
 emeosptahr _____
 also _____

Crossword Puzzle



Down

- Arc in the sky showing all the colors
- This is like a force field around Earth
- Of or from the sun

Across

- Solar winds are made up of these
- This is where the auroras are most visible
- This can be positive or negative

Paint your own aurora! You'll need watercolor paints, paintbrush, water, and heavy paper.

- Wet your paper with a very wet brush. Then add bright colors of paint onto the wet paper.
- Add more bright paints to the wet paper in the sky area and let dry.



- Add some dark blue hills or mountains along the bottom of the painting.
- Let dry. Add some black trees on the hills, and you're done!



Answers to crossword puzzle: Down: 1. rainbow; 2. magnetosphere; 4. solar; Across: 3. particles; 5. poles; 6. change
 Answers to word scramble: particle, lights, atmosphere, solar