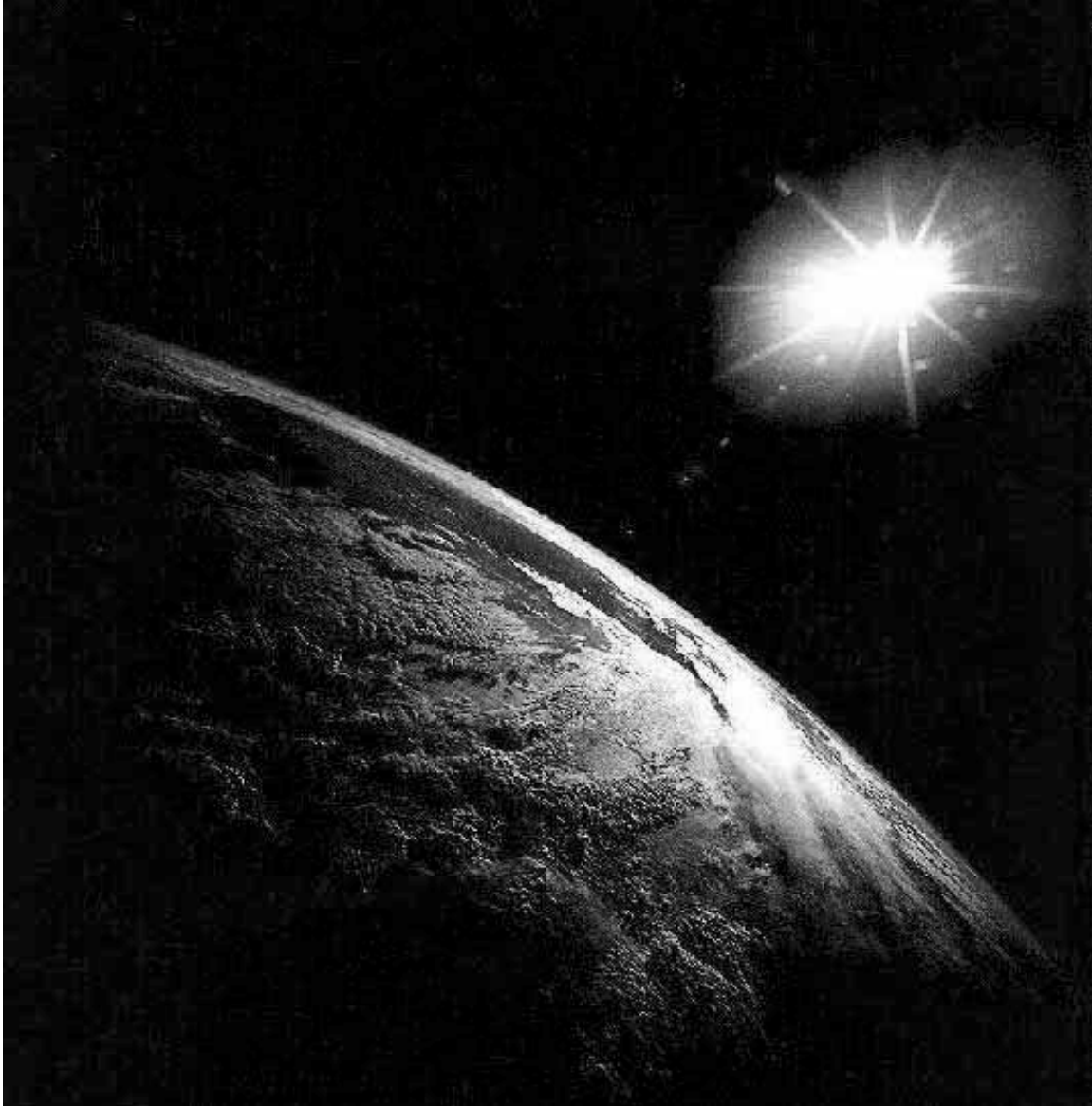




Making Sun-Earth Connections: Our Star – Our Sun



**Presenter's Guide
Grades: K-2**

Slide 1



Introduction

Slide 2



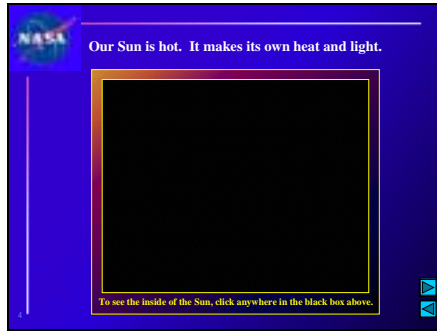
The sun is a star in the sky.

Slide 3



Scientists use instruments to learn about the sun.

Slide 4



Our sun is hot. It makes its own heat and light.

Slide 5



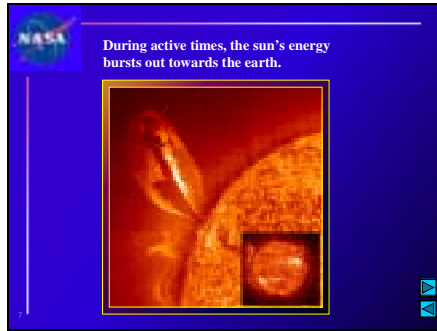
The sun can be active or quiet. An active sun makes more heat and light than a quiet sun.

Slide 6



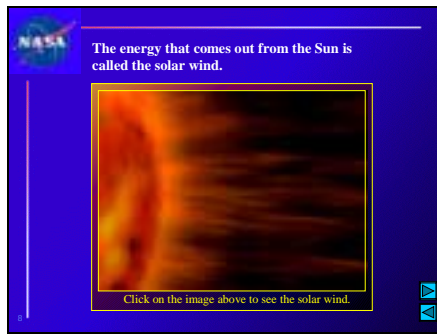
During active times, the sun makes many bubbles of heat and light.

Slide 7



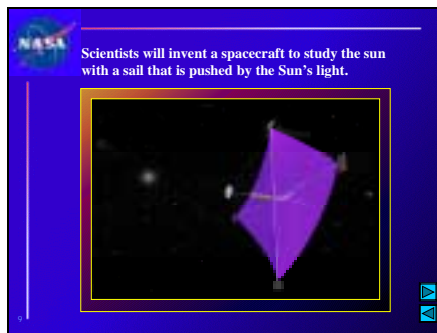
During active times the sun's energy bursts out towards the earth.

Slide 8



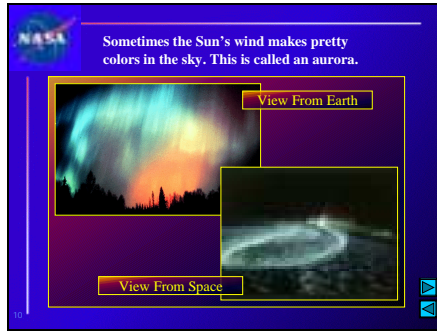
The energy that comes out from the Sun is called the solar wind.

Slide 9



Scientists want to use a space ship to study the sun with a sail that is pushed by the Sun's light.

Slide 10



Sometimes the sun's wind makes pretty colors in the sky. This is called an aurora.

Slide 11



Astronauts need to wear space suits to keep them safe from the sun's heat and light.

Slide 12



We need to learn about our star, the sun. When the sun changes its heat and light can change the earth.