Prominence







Structure of the Sun

The Sun was born about 4.6 billion years ago, and has been shining over and nurturing us and all lives on the earth. The major difference in the structure between the Sun and the Earth or the moon is that it is entirely composed of high temperature gases. The Sun is structured with roughly three layers of the core, radiate layer and convection layer, and among these three layers, the core, in particular, has the highest temperature and density, and generates the sources of light and heat by nuclear fusion. This generated energy fills the radiate layer and it is carried to the surface (photosphere) by actions in the convection layer. Actually, however, it takes hundreds of thousand years before the energy generated in the core reaches the surface of the Sun, and the energy travels the distance between the Sun and the Earth around 150 million km to reach us.



Assembly tip

- Writing the number of each section on its back side before cutting out the sections is highly recommended.
- (* This way, you can be sure which section is which even after cutting out the sections.)
- Fold and crease mountain folds and valley folds before applying glue.
- Take your time to cut out each piece carefully.
- Trace along the folds with a ruler and an exhausted pen (no ink) to get a sharper, easier fold.
- When applying glue to large areas, take care to prevent warping of paper that may be caused by over-application of alue. Apply small amounts of glue around the peripheral of the piece or

use dual-sided tape to minimize warping.



* The following are used in the assembly instructions.

Indicates reverse side of paper.



Please work somewhere out of reach of young children.

Pattern

Caution

Nineteen A4 sheets (No. 1 to No. 19)











©Canon Inc. http://www.canon.com/c-park/ ©Bookmark Inc. Canon



Glue the rear sides together and cut off the parts drawn on the parts. Do not glue the valley-fold parts.







Glue the rear sides together and cut off the parts drawn on the parts. Do not glue the valley-fold parts.



P-3

Radiate

layer





















©Canon Inc. http://www.canon.com/c-park/ ©Bookmark Inc.

Canon



-0



Lower part of the Sun



-0



Lower part of the Sun















.....



Base



Canon

Miniature book



1-3



1-2

Sun

The Sun was born about 4.6 billion years ago, and has been shining over and

nurturing us and all lives on the earth. The major difference in the structure between the Sun and the Earth or the moon is that it is entirely composed of high temperature gases. The Sun is structured with roughly three layers of the core, radiate layer and convection layer, and among these three layers, the core, in particular, has the highest temperature and density, and generates the sources of light and heat by nuclear fusion. This generated energy fills

the radiate layer and it is carried to the surface (photosphere) by actions in the convection layer. Actually, however, it takes hundreds of thousand years before the energy generated in the core reaches the surface of the Sun, and the energy travels the distance between the Sun and the Earth around 150 million km to reach us.

2

1-4

1



mark Inc. Canon

Miniature book



1-7



1-6



1-8



CREATIVE PARK KID'S SCIENCE Structure of the Sun (Miniature book): Pattern http://www.canon.com/c-park/ ©Bookmark Inc.

.....

Canon

Miniature book 1-9





Front part A





CREATIVE PARK KID'S SCIENCE Structure of the Sun (Miniature book): Pattern http://www.canon.com/c-park/ ©Bookmark Inc.



Canon

Canon

Miniature book Case

