

Solar Max IMAX



Worksheet

1. What is the winter solstice?

2. How long has the Sun shone for? _____ How much longer will it shine? _____

3. How much bigger is the Sun compared to the Moon? _____

4. What happens during a solar eclipse?

5. What are crystal spheres?

6. What contribution did Copernicus make to astronomy? _____

7. What did Galileo observe about the Sun?

8. How far away is the Sun? _____

9. What are the two main elements of the Sun? _____

10. What is the connection between the Sun and the Auroras?

11. What is SOHO?

12. What is a solar flare?

13. What protects the Earth from solar flares?

14. What happens to our technologies during solar flares?

15. What is a solar max?

16. What is a super-flare?

17. How much relative energy does a flare release?

18. How big are sunspots?

19. How does the Sun "sing"?

20. List some uses of sunlight: