

Sunspot PowerPoint Slides – Teacher Sheet

- A. **Developing Sunspot PowerPoint Slides** – Using this series of slides, you can introduce the behavior of an individual sunspot over a two week period. In a best case scenario, you would be watching a real sunspot daily outside with a solar telescope, but the sun and school budgets are not always cooperative.
- B. **Single Sunspot Path PowerPoint Slides** – With this series, you can focus on one simple sunspot and track its motion without the distraction of other sunspots popping up or the multiple sunspot groups.

These slides can be used in a variety of ways. You could...

- Show a slide (or make an overhead of the slide) **each day** as if the sunspot was really up there on the sun.
- Have the students draw the sunspots for each slide using the following sheet.
- Show students some of the slides and ask them to make predictions of where they will be and what they will look like.

All of these images came from www.spaceweather.com and you could also gather your own images from their archives if, for example, a big sunspot occurred during the weekend or during a vacation week. The archives are on the homepage in the upper right corner.

Developing Sunspot Plotting Chart:

