

Turn in your answers to the classwork
we did during class
(see questions on next slides)

Matching Practice

Match the description with the appropriate term:

- An explosion of radiation and charged particles sent into space from the chromosphere
- Looped plasma on the chromosphere of the sun
- An explosion of energy and electrons from the corona

- Prominence
- Solar flare
- Solar wind

Solar Activity Review Questions – Classwork

1. Why are sunspots cooler than surrounding areas?
2. How long is the sunspot cycle?
3. How are prominences different from solar flares?
4. How are solar flares different from coronal mass ejections?
5. What causes auroras?
6. If the strength of the sun's magnetic field decreased from its current level, what would happen to the temperature of sunspots?