

2. *Solar flares- violent short-lived bursts of magnetic energy.*
3. *Prominence- a huge cloudlike structure that appears as a great bright arch when viewed at the outer edge of the sun's disk.*
4. *Solar wind- stream of charged particles flowing steadily outward.*

2. SPACE EXPLORATION

A. Space explorers

- i. Yuri gagarin- a soviet cosmonaut(Russian space explorer) who became the first man to orbit the earth.
- ii. John glen jr. – the first astronaut (American space explorer) to orbit the earth.
- iii. Valentinaa tereshkova- soviet cosmonaut who became the first woman in space.
- iv. Aleksei leonov- soviet cosmonaut who becsmes the first person to walk in space.
- v. Neil armstrong- an astronaut who became the first person to ever walk on the moon.

B. Shuttle, Space stations and Satellites

- i. Columbia- the first shuttle to reach the earth's orbit
- ii. Sputnik I- first artificial satellite launched into orbit by USSR (Union of Soviet Socialist Republics)
- iii. Discovery- launched the Hubble space Telescope
- iv. Mir space station- first station in space built by the soviet union
- v. ISS (international space station)- built by 16 countries for scientific research