

Seasons on other planets

Student activity

Study the background information about the factors influencing the seasons on other planets, together with the table of Solar System statistics and the description of the seasons on the planets.

Your task is to design a new planet in our Solar System and then describe the type of seasons the planet has.

- 1 Give your new planet a creative name.
- 2 Decide the distance the planet will orbit around the Sun, (eg between Saturn and Uranus)
- 3 Decide whether your planet has a tilt. If so, decide how much it is tilted from the vertical.
- 4 Decide whether your planet will have a circular path or elliptical path around the Sun.
- 5 Decide what type of atmosphere it has (dense atmosphere, thin atmosphere or no atmosphere). What gases will the atmosphere contain?
- 6 Using the information provided about the seasons on the planets in our Solar System, describe the temperatures the planet is likely to experience and whether the planet will have seasons or not.
- 7 When complete, make a poster about your new planet, adding all the information you have researched. Be sure to draw what your planet looks like and indicate its position in the Solar System.

