

Seasons and the tilt of the Earth

Read about Earth's tilt. Then label the orbit, match the tree and explain.

Earth's axis is tilted about **23.5 degrees** and always points the same way in space. When the Northern Hemisphere tilts **toward** the Sun, it gets more direct sunlight and longer days: summer. When it tilts **away**, it is winter.

1 Write the season in the Northern Hemisphere (Canada) at each position. _____

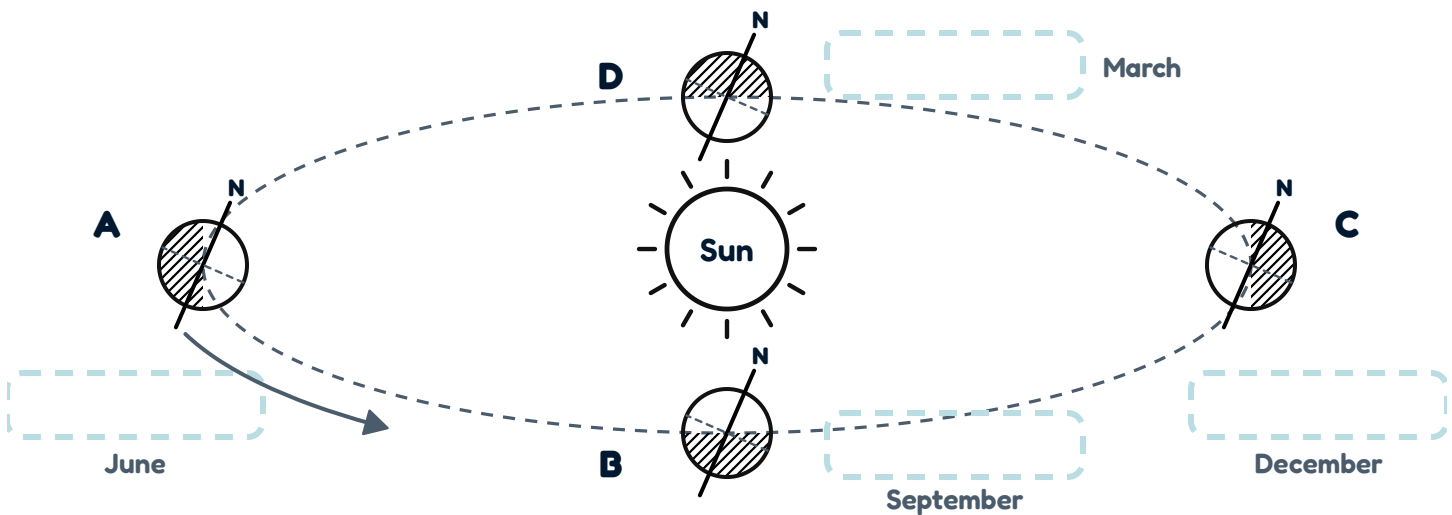
WORD BANK

spring

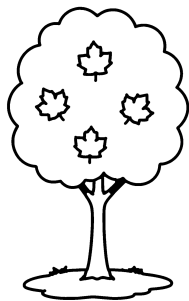
summer

fall

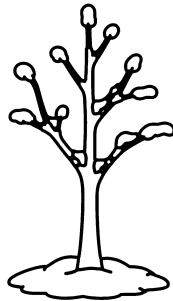
winter



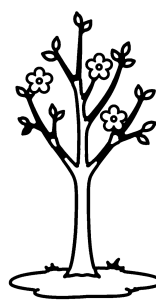
2 This maple tree grows in Ottawa. Write the letter of Earth's position for each picture. _____



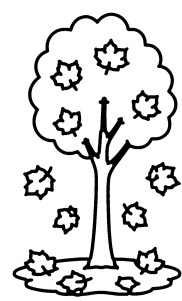
position



position



position



position

3 Explain. _____

1 When it is summer in Canada, what season is it in Australia? Why?

2 Earth is nearest the Sun in January. Why does this show that distance does not cause seasons?