

Times and Seasons

See how Earth experiences the different seasons.

MATERIALS

- Balloon with a line drawn around the middle (Earth and its equator)
- Bowl (to rest Earth on)
- Torch (the Sun)
- Books (to rest the torch on)

STEPS

1. Slowly spin 'Earth balloon' around.
2. Sit Earth balloon onto the bowl so the line of the equator is slightly sloping.
3. Rest the torch onto the books so it is shining just above the equator. Where the Sun's light is brightest, the countries will be experiencing summer. Where the Sun's light is furthest away, the countries will be experiencing winter.

DID YOU KNOW?

Light from the Sun does not fall evenly onto Earth because our planet is round. The equator is the hottest part of our planet because it is closest to the Sun and therefore it is where the Sun's light and heat is the strongest.