

# GILGANDRA OBSERVATORY

## THE SUN

## SCIENCE & TECHNOLOGY

K - 6

- The Sun is a ball of hot **hydrogen and helium** gases. These gases are always **exploding** and bursting out from the surface of the Sun in huge flares.

- The Sun is over **100** times **larger** than the Earth.

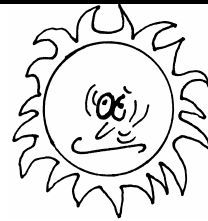
- The Sun is **300,000** times **heavier** than the Earth.

- The Sun is about **14 million° C** at the **Core**.

- The surface temperature of the Sun is about **5,500° C**.

- The Sun's gravity keeps the planets whirling around it.

- **Gravity is a pulling force.**
  - Sir Isaac **Newton** in **1665** was the first person to understand gravity.



Draw an apple tree with an apple falling to the ground.

