

AZAAN GEMS INTERNATIONAL SCHOOL

GRADE-7

HOLIDAY HOMEWORK

HEAT MEASUREMENT

Temperature is a measure of the degree of hotness or coldness of an object. The six's maximum-minimum thermometer is used to measure the atmospheric temperature. The human body temperature can be measured with the help of a clinical thermometer. Variety of clinical thermometers are available in the market like, Mercury filled thermometer, digital thermometer, Thermistor thermometer etc.

ENGLISH

Write a paragraph in 100-120 words. What precautions would you take to prevent higher body temperature?

MATHS

Since we all know that temperature is measured by thermometer and it has 4 types of scales to measure it.

- a) Celsius Scale
- b) Kelvin Scale
- c) Fahrenheit Scale
- d) Rankine Scale

Convert the following from Celsius to Kelvin scale and vice versa.

Celsius	Kelvin
a) 52°C	a) 500 K
b) 65°C	b) 720 K
c) 75°C	c) 600 K
d) 100°C	d) 423 K
e) 85°C	e) 340 K

SCIENCE

Now using the clinical thermometer find out the temperature of your family members and record it in a tabular column. Write the difference you find in the normal body temperature of different family members.