

NEW HORIZON SCHOOL
CLASS V
SOCIAL SCIENCE
2018-19

Lesson- MAPS AND GLOBE

Earth is the only planet that supports life as it has water and air. Our earth has big landmasses called Continents and water bodies called Oceans. There are seven continents on earth namely-Asia, Africa, North America, South America, Antarctica, Europe and Australia .Asia is the largest continent and Australia is the smallest one. There are 5 oceans –Pacific ocean, Atlantic ocean, Indian ocean Antarctic ocean and Arctic ocean. The pacific is the largest ocean and arctic is the smallest one.

The shape of the earth is spherical. Ferdinand Magellan and Copernicus proved that earth is spherical in shape. A globe is around model of the earth. Its shows accurate shape, size of earth and also shows its movement on its axis. A map is the drawing of earth on a flat surface or paper. A book of maps is called an Atlas. It is easy to carry anywhere and shows minute details .There are main two types of maps- Political and physical. Political maps shows political boundaries like states, capitals etc. and physical maps shows mountains, plains rivers etc. Every map has a language. To read a map we need to know the language of maps. It consist of directions, scale, colors and symbols.

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Lesson –Parallels and Meridians

A globe is a model of the earth. There are imaginary lines drawn on the globe from north to south and east to west. The full circles on the globe from east to west are called parallels or lines of latitude. The longest parallel is Equator. The imaginary lines running from north to south are called Meridians or lines of longitude. Equator divides earth into two equal halves called northern hemisphere and southern hemisphere. The centermost meridian is called Prime meridian and it divides earth into Eastern hemisphere and Western hemisphere. These lines intersect each other and form a network on globe which is called Grid. Both Equator and Prime meridian are marked as 0° . There are total 180 parallels and 360 meridians. The 180° longitude is called International Date line and 0° Prime meridian passes through Greenwich in London so also known as Greenwich meridian. In order to see the position of a place, we must know the value of longitudes and latitudes. It is also used to calculate time also. There are other important parallels also other than equator-Tropic of Cancer, Tropic of Capricorn, Arctic circle, Antarctic circle and poles which are points.