



MODERN PROBLEMS IN EDUCATION AND THEIR SCIENTIFIC
SOLUTIONS

CHANGES IN THE WORLD

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ANNOTATION: *Our nature depended on the nature. Because people cannot live without water, sun, rain, snow. Because every season has its own character and also every year they are changing. Especially the weather.*

KEY WORDS: *The sun, planets, solar system, oxide, cloud, deposits, atmosphere, desert, asteroid belt.*

INTRODUCTION.

The sun is the source of light and heat for the solar system. The four planets closest to the Sun are small and solid, the closest being Mercury. An asteroid belt separates these from the four larger planets, which are made up of gas. Mars is known as the 'Red Planet' because it is covered by a stone desert containing lots of iron oxide, making it appear red. The water and oxygen that used to exist on Mars are now locked up in these iron deposits, so the planet has hardly any atmosphere.

The shortest day of the year is in the winter solstice, which is 21 December. When the northern hemisphere is turned toward the Sun, the countries north of the equator have their summer season, and the countries south of the equator have their winter season. When the direct rays of the Sun fall on the southern hemisphere, it is their summer and it is winter in the northern hemisphere. There are two days in the year when night and day are equal all over world. They come in the spring and fall, just halfway between the two solstices. One is autumnal equinox in September, and the other is the spring equinox in March.

The mountain peaks are often seen to be surrounded by layers of cloud. This is because as winds laden with water are blown towards the mountain, they are forced to rise and the temperature drops. The water condenses into clouds at these higher altitudes.

