



CLASS – 8

READING SKILL

Galileo and His Telescope

Read the passage and answer the following questions -

Galileo Galilei was born in the year **1564 in the town of Pisa, Italy**. When he was 20 years old, he was studying in Pisa. His father wanted him to be a doctor, but Galileo was bored with school except for math. Because math was the one subject where he was doing well, the court mathematician offered to tutor him privately so he could become a qualified mathematician. Galileo's father was disappointed, but he agreed. Because he needed to earn money, Galileo began experimenting with different things, trying to come up with some sort of invention that he could sell for money. He had a little bit of success with **his invention that was like a compass** that could be used to measure plots of land. He had already experimented with pendulums, thermometers, and magnets. When he heard that a **Dutch inventor** had invented something called a **spyglass**, but was keeping it a secret, Galileo decided to work on one of his own. Within 24 hours, he had invented a telescope that could magnify things to make them appear ten times larger than real life. One night, he pointed his telescope toward the sky, and made his first of many space observations: the moon was not smooth, like everyone thought. The moon was covered in bumps and craters. As technology has improved, first Galileo, and then many others, have made improvements on the telescope, the wonderful device that allows us to see from a distance.

- i. When was Galileo Galilei born ?
- ii. At the age of 20, where he was studying ?
- iii. Who invented a spyglass ?
- iv. With what moon was covered ?
- v. Who invented telescope ?
- vi. What did his father want him to be?
- vii. Change the verb forms- a) disappoint b) qualify c) cover
- viii. What was his favourite subject ?
- ix. Make sentences – a) space b) technology