

PROJECT PARIDHI-WINTER SOLSTICE' 17

Winter Solstice was celebrated on **December 20, 2017** by the students of class VIII. Aditya Jain from class VIII gave the presentation to students of class VI to X to explain the procedure and importance of the project. 40 students participated in this project and replicated Eratosthenes method done in 3rd century B.C. to calculate the circumference of the Earth using very simple tools. They marked the shadow of the Gnomon and then using simple geometry and trigonometry, they were able to calculate the circumference of Earth with the help of student volunteers. Students enjoyed the experiment and enhanced their scientific and organizing skills.

PHOTOGRAPHS OF THE EVENT:



Aditya Jain of class VIII gave presentation on Project Paridhi



Aditya explained students the concept of plumb line



Students ready with the setup



Students marked the shadow of Gnomon



Students measured the length of the shadow



Space educator Chitra helped students with their queries



Anjali from class X filled the observation sheet after the practical



Group photograph of students and volunteers participated