



NATIONAL PUBLIC SCHOOL, KENGERI, BENGALURU

Report on Educational Trip

Grade 8

The students of Grade 8 visited the Nandini Milk Dairy in Kanakapura on the 10th and 11th of July 2025, as part of the school's initiative to promote experiential learning. This large-scale green field facility, developed by the Bangalore Milk Union (BAMUL) under the Karnataka Milk Federation (KMF), spans 179,500 sqm and plays a vital role in meeting the growing demand for Nandini-branded dairy products across Karnataka.

This educational visit offered students a unique opportunity to explore the operations of a major dairy facility and understand how everyday dairy products reach our homes. Guided by Mrs. Sahana, the students were briefed on the process of milk collection from villages across Karnataka, followed by quality testing, pasteurization, homogenization, packaging, and distribution.

The students found the experience both informative and engaging. They observed how milk is tested for fat content and identified based on packet colours, and witnessed the transformation of butter into ghee and the manufacturing of cheese. The -12°C cold storage unit demonstrated cold chain logistics in action, while the explanation of milk powder production from surplus milk highlighted sustainable practices. Sampling flavoured milk varieties added a fun element, and the goodie hampers were a thoughtful takeaway.

Such a rich experience enhanced students' theoretical knowledge by bridging academic concepts with real-world applications in dairy science, food technology, quality assurance, and supply chain management.

This visit was a stepping stone towards preparing them for future careers in these domains. The visit truly fulfilled its goal of making learning both meaningful and enjoyable.