

## **CHEMISTRY LABORATORY**

Chemistry lab is the required component of all chemistry courses not only to perform experiments, but also to promote in general, an experimental culture among students in the school. At every stage in life, we are connected to different aspects of chemistry directly or indirectly. It encircles a variety of fields –agriculture, food, medicine, fertilizers, polymers, metals etc. Thus, the knowledge of chemistry is useful in different aspects of human life.

### **Our chemistry lab aims to**

- i) -show our students the excitement of science.
- ii) -raise the attainment in science by supporting the CBSE curriculum.
- iii) - inspire our students to become the scientists of the future.

Our chemistry lab is well equipped with chemicals and other apparatus to cater to the needs of all the students up to class 12. Students start using the chemistry lab from class 9 onwards. They show great enthusiasm in using chemicals and perform hands on experiments. The lab inculcates curiosity and inquisitiveness in students. It plays a very important role in developing a scientific temperament in our students.

In the chemistry lab students are expected to indulge in a creative interplay of observation, experimentation and theoretical inferences. Students are trained to use scientific instruments, make observations, interpret and draw conclusions from observed facts. As per the guidelines of CBSE curriculum even the most basic techniques and procedures like inorganic and organic analysis, both qualitative and quantitative are dealt in such an enthusiastic and efficient manner that they not only enable students to face various changes related to health, nutrition, environment, industries, weather etc but also acquaint them with different aspects of chemistry in daily life.