

Subject Department: Chemistry

Our Mission

To prepare students for the formulation of values and attitudes related to social, ethical, political, economic and environmental aspects of chemistry so that they may grow up to become responsible citizens.

Rationale

Chemistry is a subject consisting of abstract principles and numerous facts. Effective teaching and learning in Chemistry should be conducted through a wide range of carefully planned student-centered learning activities that suit the individual needs of the learners. Through students' learning experiences, in addition to the acquiring of knowledge of Chemistry, nine types of generic skills (collaboration skills, communication skills, creativity, critical thinking skills, information technology skills, numeric skills, problem solving skills, self-management skills and study skills) are expected to be developed. With these foundations, students could learn how to learn and sustain life-long learning.

Long-term Plan

1. To nurture students' interest and curiosity in Chemistry by the investigative / experimental approach.
2. To develop the nine generic skills via different learning experiences in Chemistry
3. To enhance the understanding of the principles and facts in Chemistry using diversified learning activities
4. To cater for students with strong interest and talent in Chemistry.

Main Emphases in 2014/15

1. To design an issue-based lesson plan in two levels
3. To cultivate reading habit among students
4. To promote learning by subject-related outside-classroom activities.
5. To arrange pull-out programmes for high achievers and the less able students