

## 1. Long Term Goals

- 1.1 To develop students' scientific thinking skills and creativity.
- 1.2 To enhance students' motivation in science learning.
- 1.3 To equip students to learn science in English.
- 1.4 To enhancing students' self-directed learning skills in science.
- 1.5 To catering for learner diversity.

## 2. Short Term Goals

- 2.1 To develop students' scientific thinking skills and creativity.
  - 2.1.1 To use the problem solving projects to develop the skills
  - 2.1.2 To use concept maps/mind maps and graphic makers in lessons.
- 2.2 To cooperate with the OUHK to develop STEM projects and activities.
- 2.3 To use a set of sentence patterns which would be useful in senior forms.
- 2.4 To input flipped classroom elements in teaching.
- 2.5 To use AQP to analyze students' problems in learning science.