

ENGLISH for the TEACHING of MATHEMATICS and SCIENCE, (ETeMS)

The policy decision, in 2002, for the teaching of mathematics and science in English resulted in the need for a language support programme for teachers of these subjects to be able to make the switch in the medium of instruction from Malay to English. ETeMS was developed as a nationwide response to this need. ETeMS is a language enhancement programme that will start off teachers of mathematics and science in developing further the necessary language competence for using English to teach the two subjects.

Objectives

The programme deals with 3 main areas:

- Language for accessing information
- Language for managing the teaching and learning of mathematics and science
- Language for professional communication

Content

In phase 1 the following areas are dealt with:

- The reading skill
- Speaking and oral interaction skills
- Language study
- The writing skill

In phase 2, topics covered include

- Reinforcement of phase 1 content
- Making notes in English

- Designing worksheets
- Using courseware effectively
- Oral presentations
- Assessing and responding to students work

Duration

Phase 1: 15 days

Phase 2: 15 days

Mode of Delivery

Each phase comprises 10 days of face-to face interaction, and another 5-day immersion style live-in workshop. Throughout the course the participants will work with a variety of materials, including curriculum and resource materials that they will actually be using in the classroom for teaching their subject.

These include textbooks, syllabuses, courseware and additional resources from the internet and from reference books.

Participants will normally be grouped according to subject specialization, and by the level they are teaching. In this way it is hoped that the relevance of input given, and the sharing within groups can be maximized.

Participants

This course is designed for mathematics and science teachers in the primary or secondary schools school.