



# Certificate in Examination and Assessment in Education Elective Module: English Language (Secondary)

Module Code: CEAEM201

## Programme

This two-day workshop aims to enhance participants’ understanding of the considerations related to assessing writing and reading skills in the secondary English Language (Express/Normal Academic) classroom. In particular, it will cover the development of items and mark schemes, and provide participants with practice in marking students’ responses.

The first day of workshop will focus on the assessment of writing skills and the second day will focus on the assessment of reading skills.

<b>Programme for Day 1: Assessing Writing Skills</b>
<ul style="list-style-type: none"> <li>Applying principles of assessment</li> <li>Developing tasks for Situational Writing and Continuous Writing</li> <li>Developing benchmarks of writing proficiency</li> <li>Using assessment as feedback for learning</li> </ul>
<b>Programme for Day 2: Assessing Reading Skills</b>
<ul style="list-style-type: none"> <li>Applying principles of assessment</li> <li>Developing items and mark schemes for visual, narrative and non-narrative texts</li> <li>Marking responses to items for visual, narrative and non-narrative texts</li> </ul>

	Trainer	Date for Instruction Workshop	Deadline for submission of Assignment
Class 1 [CEAEM201-2101]	Day 1: Ms Joys Ng & Mr Andrew Leo	27 – 28 May 2021	2 months upon completion of instructional units
Class 1 [CEAEM201-2102]	Day 2: Dr Rajenthiran Sellan & Ms Teng Lay Eng	21 - 22 July 2021	

### Course Fee

The fee for the programme is \$695.50 (inclusive of GST) per participant.

### Registration

Click [here](https://seab.gov.sg) to register now or contact us at SEAB\_Training@seab.gov.sg for more information. Registration will close when all the vacancies are taken up.



# Certificate in Examination and Assessment in Education Elective Module: English Language (Primary - Reading)

Module Code: CEAEM202

## Programme

This course aims to equip English Language teachers with the knowledge and skills to assess reading comprehension based on the Primary English Language curriculum. The programme comprises major topics on assessment of reading comprehension skills over two days of instruction, and an assignment to demonstrate attainment of the programme objectives. The topics covered are as shown in the table below.

SN	Topics	Questions to be addressed
1	Understanding the assessment criteria for reading comprehension	What guides the assessment of reading comprehension skills at primary level?
2	Evaluating the suitability of texts and adaptation of texts	What framework can teachers use to evaluate texts for assessing reading comprehension? How can teachers adapt texts to assess a range of reading comprehension skills?
3	Establishing the range of reading comprehension skills	What is the range of skills for reading comprehension at primary level?
4	Crafting the range of reading comprehension questions	How can teachers write the various types of reading comprehension questions? How can teachers control the outcome space?

	Trainer	Date for Instruction Workshop	Deadline for submission of Assignment
Class 1 [CEAEM202-2101]	Ms Charmaine Kuek	21 & 24 May 2021	2 months upon completion of instructional units
Class 2 [CEAEM202-2102]		27 & 30 Aug 2021	

### Course Fee

The fee for the programme is \$695.50 (inclusive of GST) per participant.

### Registration

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# Certificate in Examination and Assessment in Education Elective Module: English Language (Primary - Writing)

Module Code: CEAEM203

## Programme

This course aims to equip English Language teachers with the knowledge and skills to assess students' writing ability based on the Primary English Language curriculum. The programme comprises major topics on assessment of writing skills over two days of instruction, and an assignment to demonstrate attainment of the programme objectives. The topics covered are as shown in the table below.

SN	Topics	Questions to be addressed
1	Understanding the assessment criteria for writing	What are the elements of good writing? What is the writing framework to guide teaching and learning of writing skills?
2	Development of writing tasks and reliable marking	What is the process to design a writing task? What measures to put in place to ensure greater reliability in marking compositions?
3	Establishing writing benchmarks for P3 and P5 levels	What are benchmark scripts? How can schools ensure year-on-year comparability of writing standards?
4	Development of analytic scoring rubrics for classroom assessment of writing skills	What are the differences between holistic and analytic scoring rubrics? How can teachers develop their own analytic scoring rubrics to aid feedback to students on areas of strengths and weaknesses in writing?

	Trainer	Date for Instruction Workshop	Deadline for submission of Assignment
Class 1 [CEAEM203-2101]	Ms Adeline Teng	27 & 28 May 2021	2 months upon completion of instructional units

### Course Fee

The fee for the programme is \$695.50 (inclusive of GST) per participant.

### Registration

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# Certificate in Examination and Assessment in Education Elective Module: Mathematics (Primary)

Module Code: CEAEM204

## Programme

This course will introduce participants to key Principles of Assessment so that in understanding how these are operationalised, teacher-leaders will have the expertise to lead in the vetting of mathematics items. In particular, the course will guide teachers in the use of the Assessment Objectives spelt out in the Singapore Primary Mathematics Curriculum in item setting. Participants will also learn how to use the 4i framework to design new mathematics items. This serves to enhance teachers' knowledge in item design so that opportunities may be presented to students to demonstrate the mathematical knowledge, concepts and skills as intended by the curriculum. The course will also discuss the nuances of item demand and the function it plays in standards-referenced assessments. We will use the C<sup>3</sup>R framework to characterise and adjust item demand. With the deepened assessment knowledge from this course, teacher-leaders will be able to better advise on how the design of items can sharpen the assessments of students' mathematical understanding.

## Objectives

By the end of the course, participants should be able to:

- Understand how Principles of Assessment are operationalised in mathematics assessments
- Understand the function item demand plays in standards-referenced assessments
- Recognize the cognitive skills required in mathematical problem solving
- Use 4i framework to design mathematics items
- Use C<sup>3</sup>R framework to characterise and adjust the demand of mathematics items

## Schedule and Trainer

	<b>Trainers</b>	<b>Date for Instruction Workshop</b>	<b>Deadline for submission of Assignment</b>
Class 1 [CEAEM204-2101]	Dr Alwyn Pang Ms Karen Yap Ms Pauline Wong	14 & 15 July 2021	2 months upon completion of instructional units

### Course Fee

The fee for the programme is \$ 695.50 (inclusive of GST) per participant.

### Registration

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# Certificate in Examination and Assessment in Education Elective Module: Science (Primary)

Module Code: CEAEM205

## Programme

This course serves to enhance teachers' understanding of the application of key Principles of Assessment in the design of science assessment tasks. Teachers will be introduced to the concept of outcome space as a way to review students' achievement and to refine the mark scheme and how an item is written. The course will also discuss different ways to adjust the demand of items through the use of various frameworks including the C<sup>3</sup>R framework. The assessment of scientific inquiry skills will be discussed including through a hands-on experience involving experimental tasks. These serve to enhance teachers' knowledge in item design so that opportunities may be presented to students to demonstrate the science knowledge, concepts and skills as intended by the curriculum. The course would help teacher-leaders in the review of science items.

## Objectives

By the end of the course, participants should be able to:

- Understand how Principles of Assessment are applied in design of science assessment tasks
- Understand the application of the concept of outcome space in assessment tasks
- Use C<sup>3</sup>R framework to characterise and adjust item demand
- Understand the assessment of scientific inquiry skills including in an experimental setting

## Schedule and Trainer

	<b>Trainers</b>	<b>Date for Instruction Workshop</b>	<b>Deadline for submission of Assignment</b>
Class 1 [CEAEM205-2101]	Mr Ow Mun Hoe Ms Sharon Tan	5 & 6 April 2021	2 months upon completion of instructional units
Class 2 [CEAEM205-2102]	Mr Ow Mun Hoe Ms Sharon Tan Mr Tan Lee Sze	11 & 12 August 2021	

### Course Fee

The fee for the programme is \$695.50 (inclusive of GST) per participant.

### Registration

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# Certificate in Examination and Assessment in Education Elective Module: Social Studies (Secondary)

Module Code: CEAEM206

## Programme

This course will guide Upper Secondary Social Studies Teachers in the study of students' responses for the design of LORMS for the Source-Based Case Study. It will help teachers understand the different pathways and perspectives undertaken by students, and invite teachers to reflect on these in formative ways in order to enhance and sharpen their students' source-handling skills.

Participants will be required to complete a post-course assignment that showcases formative design of LORMS for their classroom/department and a reflection of the impact of the design in their understanding of their students' source-handling skills.

## Objectives

By the end of the course, participants should be able to:

- understand the principles and processes guiding the design of LORMS for the Source-Based Case Study
- develop basic tools/strategies to enhance students' source-handling skills in formative ways
- reflect on the effectiveness of formative tools/strategies in enhancing and sharpening students' source-handling skills

## Schedule and Trainer

	<b>Trainer</b>	<b>Date for Instruction Workshop</b>	<b>Deadline for submission of Assignment</b>
Class 1 [CEAEM206-2101]	Mdm Sharifah Mufidah Aljunied	29 & 30 April 2021	2 months upon completion of instructional units
Class 2 [CEAEM206-2102]		27 & 28 July 2021	

### Course Fee

The fee for the programme is \$695.50 (inclusive of GST) per participant.

### Registration

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# Certificate in Examination and Assessment in Education Elective Module: History (Secondary)

Module Code: CEAEM207

## Programme

This course serves to enhance teachers' knowledge in designing History source-based case study and structured-essay questions that provide opportunities for students to demonstrate historical thinking and understanding. The course also serves to enhance teachers' expertise in designing mark schemes that assess students' historical thinking and rewarding it accordingly when marking student responses. Participants will also be introduced to frameworks which they can use to review question papers and mark schemes (ATM framework) and to characterise and adjust item demand to commensurate with national standard (C<sup>3</sup>R framework).

## Objectives

By the end of the course, participants should be able to:

- understand how the history assessment seeks to measure students' historical thinking and understanding about the way historical knowledge is constructed
- apply the principles for designing and marking Upper Sec History assessment, bearing in mind the nature of the discipline
- use ATM framework to review question papers, mark schemes and marking
- use C<sup>3</sup>R framework to describe and adjust item demand

## Schedule and Trainer

	Trainer	Date for Instruction Workshop	Deadline for submission of Assignment
Class 1 [CEAEM207-2101]	Ms Chow Hong Kheng	27 & 28 April 2021	25 May 2021
Class 2 [CEAEM207-2102]		To be advised	

### Course Fee

The fee for the programme is \$695.50 (inclusive of GST) per participant.

### Registration

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# Certificate in Examination and Assessment in Education Elective Module: Geography (Secondary)

Module Code: CEAEM208

## Programme

This course serves to enhance teachers' knowledge in designing Geography structured questions that provide opportunities for students to demonstrate the geographical knowledge, skills and understanding as intended by the curriculum. The course also serves to enhance teachers' expertise in designing mark schemes that assess the intended geographical knowledge, skills and understanding and rewarding such evidences accordingly during marking. Participants will learn how to use the ATM framework to comment on strengths and weaknesses of question paper and mark scheme, and the C<sup>3</sup>R framework to describe and adjust item demand. They will also be required to design mark schemes for use to mark given student responses. The deepened knowledge should facilitate improved teaching, learning, and assessment of students and enable Geography key personnel to better guide their Geography teachers.

## Objectives

By the end of the course, participants should be able to:

- understand how the Geography assessment seeks to measure students' ability to apply geographical knowledge and skills to carry out investigations, make sense of data and demonstrate understanding of physical and human phenomena including the interactions between them.
- apply the principles for designing structured questions, constructing mark scheme and marking student responses, bearing in mind the nature of the discipline.
- use ATM framework to review question papers, mark schemes and marking
- use C<sup>3</sup>R framework to describe and adjust item demand

## Schedule and Trainer

	<b>Trainer</b>	<b>Date for Instruction Workshop</b>	<b>Deadline for submission of Assignment</b>
Class 1 [CEAEM208-2101]	Ms Rachelle Lim	27 & 28 April 2021	2 months upon completion of instructional units
Class 2 [CEAEM208-2102]		19 & 20 August 2021	

### Course Fee

The fee for the programme is \$695.50 (inclusive of GST) per participant.

### Registration

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# Certificate in Examination and Assessment in Education Elective Module: Chinese Language (Primary – Reading)

Module Code: CEAEM209

## Programme

This course aims to equip Primary School Chinese Language teachers with the knowledge and skills to develop and adjust the demand of reading comprehension items based on the Primary Chinese Language curriculum. The programme comprises major topics on assessment of reading comprehension skills and item development over two days of instruction, and hands-on sessions for participants to demonstrate attainment of the programme objectives. The topics covered are as shown in the table below.

SN	Topics	Questions to be addressed
1	Understanding criteria for assessing Reading Comprehension skills.	What are the criteria for assessment of reading comprehension at primary level?
2	Evaluating the suitability of texts and adaptation of texts	How can teachers evaluate texts for assessing reading comprehension? How can teachers adapt texts to assess a range of reading comprehension skills?
3	Establishing the range of reading comprehension skills	What is the range of skills for reading comprehension at primary level?
4	Developing and adjustment of reading comprehension items	How can teachers develop various types of reading comprehension items? How can teachers control the outcome space?

	Trainer	Date for Instruction Workshop	Deadline for submission of Assignment
Class 1 [CEAEM209-2101]	Mdm Too Jye Yuin Ms Chin Siew Hong	25 & 26 February 2021	2 months upon completion of instructional units
Class 2 [CEAEM209-2102]	Ms Chua Lay Keng Mr Wang Xinwu	19 & 20 August 2021	

### Course Fee

The fee for the programme is \$695.50 (inclusive of GST) per participant.

### Registration

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# Certificate in Examination and Assessment in Education Elective Module: Malay Language (Primary - Reading)

Module Code: CEAEM210

## Programme

This course aims to equip Primary School Malay Language teachers with the knowledge and skills to develop and adjust the demand of reading comprehension items based on the Primary School Malay Language curriculum. The programme comprises major topics on assessment of reading comprehension skills and item development over two days of instruction, and hands-on sessions for participants to demonstrate attainment of the programme objectives. The topics covered are as shown in the table below.

SN	Topics	Questions to be addressed
1	Understanding criteria for assessing Reading Comprehension skills.	What are the criteria for assessment of reading comprehension at primary level?
2	Evaluating the suitability of texts and adaptation of texts	How can teachers evaluate texts for assessing reading comprehension? How can teachers adapt texts to assess a range of reading comprehension skills?
3	Establishing the range of reading comprehension skills	What is the range of skills for reading comprehension at primary level?
4	Developing and adjustment of reading comprehension items	How can teachers develop various types of reading comprehension items? How can teachers control the outcome space?

	Trainer	Date for Instruction Workshop	Deadline for submission of Assignment
Class 1 [CEAEM210-2101]	Ms Hafiza Aseken Ms Irni Yanti Kassim	22 & 23 March 2021	2 months upon completion of instructional units
Class 2 [CEAEM210-2102]	Ms Roslinda Sahamad Ms Jamilah Syed Ahamed	23 & 24 August 2021	

### Course Fee

The fee for the programme is \$695.50 (inclusive of GST) per participant.

### Registration

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# Certificate in Examination and Assessment in Education Elective Module: Tamil Language (Primary - Reading)

Module Code: CEAEM211

## Programme

This course aims to equip Primary School Tamil Language teachers with the knowledge and skills to develop and adjust the demand of reading comprehension items based on the Primary Tamil Language curriculum. The programme comprises major topics on assessment of reading comprehension skills and item development over two days of instruction, and hands-on sessions for participants to demonstrate attainment of the programme objectives. The topics covered are as shown in the table below.

SN	Topics	Questions to be addressed
1	Understanding criteria for assessing Reading Comprehension skills.	What are the criteria for assessment of reading comprehension at primary level?
2	Evaluating the suitability of texts and adaptation of texts	How can teachers evaluate texts for assessing reading comprehension? How can teachers adapt texts to assess a range of reading comprehension skills?
3	Establishing the range of reading comprehension skills	What is the range of skills for reading comprehension at primary level?
4	Developing and adjustment of reading comprehension items	How can teachers develop various types of reading comprehension items? How can teachers control the outcome space?

	Trainer	Date for Instruction Workshop	Deadline for submission of Assignment
Class 1 [CEAEM211-2101]	Ms A Valar Molee Mr S Ramachandran	28 and 29 Apr 2021	2 Jul 2021
Class 2 [CEAEM211-2102]		30 and 31 August 2021	15 Nov 2021

### Course Fee

The fee for the programme is \$695.50 (inclusive of GST) per participant.

### Registration

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