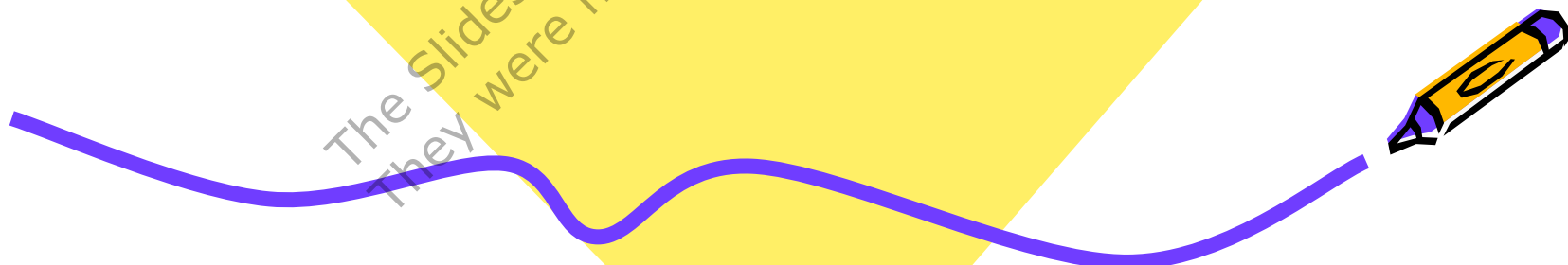


# New Senior Secondary Mathematics Curriculum

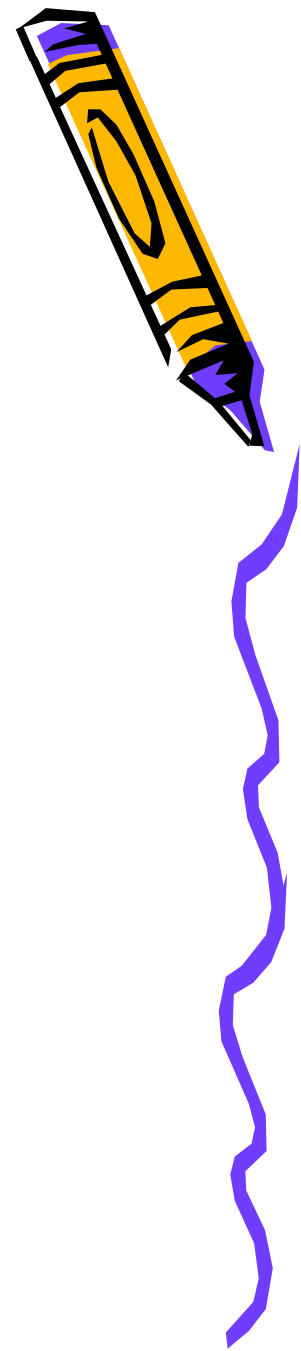
The Slides were compiled by SPKC.  
They were first shown on 19th April, 2010.



Mr. Leung Yee Ho Genthew  
Stewards Pooi Kei College  
19th April, 2010

# Objectives

- Brief introduction to NSS Mathematics Curriculum
  - Compulsory part
  - Extended part
- Public assessment
- Admission requirements for extended part



# Curriculum Framework (Cont.)



**Mathematics Curriculum**  
**(S4 – 6)**

**Compulsory Part**

**Extended Part**

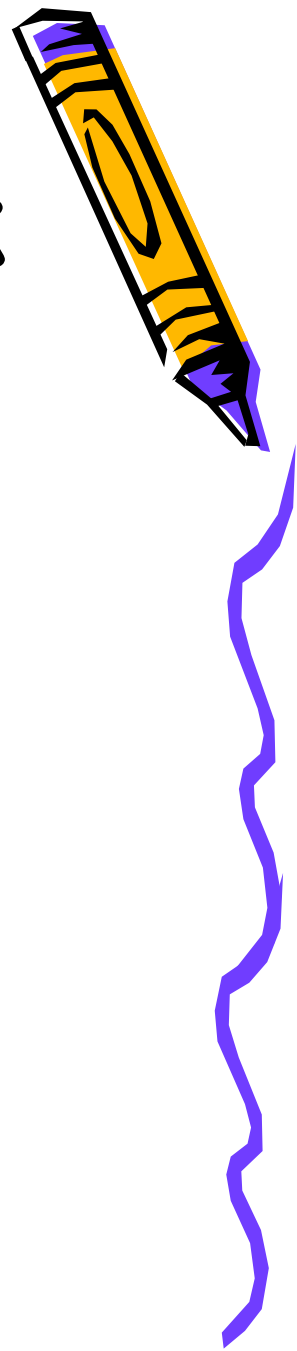
**Module 1**  
**(Calculus and Statistics)**

**Module 2**  
**(Algebra and Calculus)**

The Slides were compiled by SPKC.  
They were first shown on 19th April, 2010.

# Curriculum Framework

- Compulsory Part
  - Comprises three strands:
    - Number and Algebra
    - Measures, Shape and Space
    - Data Handling



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They were first shown on 19th April, 2010.

# Curriculum Framework (Cont.)



- Extended Part
  - Module 1 (Calculus and Statistics)
    - Focus more on mathematical applications
    - Intuitive concepts of calculus and statistics
  - Module 2 (Algebra and Calculus)
    - Emphasis understanding of Mathematics
    - Concrete foundation in algebra and calculus for mathematics-related fields and careers



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They were first written in April, 2010.



# Framework of Public Assessment (Cont.)



- Compulsory part

Component	Weighting	Duration
Paper 1 Conventional questions	65%	2 hours and 15 minutes
Paper 2 Multiple-choice questions	35%	1 hours and 15 minutes



The slides were compiled by SPKC. They were first shown on 19 April, 2010.

# Curriculum Framework (Cont.)



**Mathematics Curriculum**  
**(S4 – 6)**

**Compulsory Part**

**Extended Part**

**Module 1**  
**(Calculus and Statistics)**

**Module 2**  
**(Algebra and Calculus)**

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They were first shown on 19th April, 2010.

# Framework of Public Assessment (Cont.)

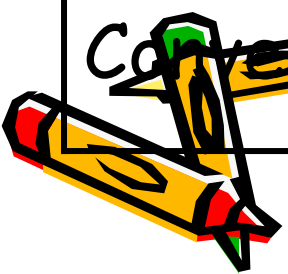


- Extended part
  - Module 1 (Calculus and Statistics)

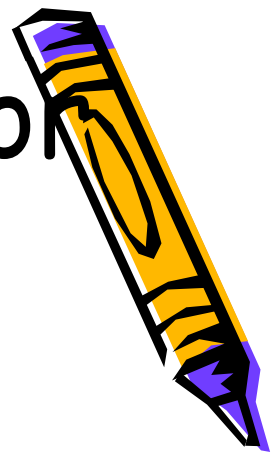
Component	Weighting	Duration
Conventional questions	100%	2 hours and 30 minutes

- Module 2 (Algebra and Calculus)

Component	Weighting	Duration
Conventional questions	100%	2 hours and 30 minutes



# Admission Requirement for Extended Part



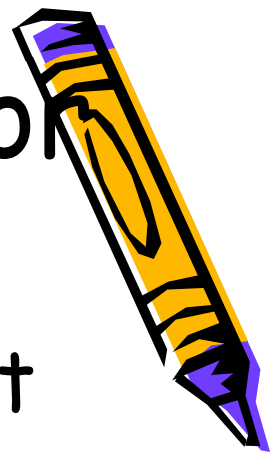
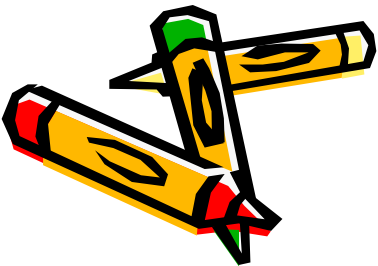
- Only available for students in **5 Faith, 5 Grace and 5 Peace**
- Take at most one **Module** from Extended part

The Slides were compiled by SPKC.  
They were first shown on 12th April, 2010.



# Admission Requirement for Extended Part

- Requirements to take Extended Part
  - Students in 4 Faith, 4 Grace and 4 Peace
  - Good overall academic results and Mathematics results in S4
  - Good results in the “Extended Modules Admission Tests” in S4



End

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They were first shown on 19th April, 2010.

