



Curriculum Management and eLearning Department

Tel: 2124 5178 / 2598 2478 / 2598 2480
Fax: 2598 2149

Email: raymond.j.camilleri@gov.mt

LETTER CIRCULAR

Information: X

Date: 8th June 2010

Action Required: X

Ref: CMeLD 113/2010

To: All Heads of State Secondary Schools and Sections

From: Mr Gaetano Bugeja, Education Officer – Physics

Subject: Changes in the Physics Schemes of Work for Forms 4 and 5

Heads of School are kindly requested to bring the attached correspondence by Mr Gaetano Bugeja to the attention of all Physics teachers.

Thank you for your collaboration.

Raymond J. Camilleri
Director CMeLD

Changes in the Physics Schemes of Work for Forms 4 and 5

The following changes in the Physics Schemes of Work for **Form 4** and **Form 5** build upon the changes which were introduced during scholastic year 2009-2010 at for Form 3 level. As from **September 2010** the following changes to the schemes of work will apply.

1. Form 4 students will have to cover 'Motion', 'Waves' (including 'Light') and a substantial amount on 'Electricity'. The rationale for this change is that students will tackle 'The Nature of Waves' during one scholastic year as was intended by the SEC syllabus panel when it proposed one theme for sound, water and light waves. Though one would have liked to keep 'Electricity in the Home' also as one theme, this was avoided so as not to overload the Form 4 scheme of work.
2. Students who in September 2011 will be moving to Form 5 will learn about 'Magnetism and Electromagnetism', 'Radioactivity' and the second part on 'Electricity' (mainly dealing with 'home electricity').
3. These changes will bring to an end the changes which started in September 2007.

Reminder:

The Annual Examination for Form 5 in February 2011 will cover ALL the topics in the syllabus – including Radioactivity. The period between the Annual Examination and the SEC exam should be used for revision purposes.

The Physics SEC syllabus 2012 is available at:

http://www.um.edu.mt/matsec/syllabus/sec_2012

More information will be available at http://www.curriculum.gov.mt/secondary_syllabi.htm under the heading *Physics* in the near future.

A summary of the above changes is shown below.

As from September 2010

Form 3 - No change		Form 4 - NEW		Form 5 - No change	
Physics SEC syllabus 2012		Physics SEC syllabus 2012		Physics SEC syllabus 2011	
<i>Theme</i>	<i>Reference Nos.</i>	<i>Chapter</i>	<i>Sections</i>	<i>Chapter</i>	<i>Sections</i>
On the Move - Part I	1.15 - 1.28	On the Move - Part II	1.1 - 1.14	Magnetism	14.1
Balancing Forces	All	The Nature of Waves	All	Electromagnetism	15.1-15.4
Staying Cool	All	Electricity in the Home - Part I	5.1 - 5.21	Radioactivity	16.1-16.10
The Earth and the Universe	All				

As from September 2011

Form 3 - No change		Form 4 - No change		Form 5 - NEW	
Physics SEC syllabus 2012		Physics SEC syllabus 2012		Physics SEC syllabus 2012	
<i>Theme</i>	<i>Reference Nos.</i>	<i>Theme</i>	<i>Reference Nos.</i>	<i>Chapter</i>	<i>Reference Nos.</i>
On the Move – Part I	1.15 - 1.28	On the Move – Part II	1.1 - 1.14	Electricity in the Home – Part II	5.22 - 5.32
Balancing forces	All	The Nature of Waves	All	Magnets & Motors	All
Staying cool	All	Electricity in the Home - Part I	5.1 - 5.21	Radiation and Its Uses	All
The Earth and the Universe	All				