

**SUGGESTED ACADEMIC TRACK – SCIENCE, TECHNOLOGY, ENGINEERING AND MATHEMATICS (STEM) STRAND SCHEDULING OF SUBJECTS\***

STEM	Grade 11		Grade 12	
	1 <sup>st</sup> Semester	2 <sup>nd</sup> Semester	1 <sup>st</sup> Semester	2 <sup>nd</sup> Semester
CORE SUBJECTS	Oral Communication in Context	Reading and Writing Skills	21 <sup>st</sup> Century Literature from the Philippines and the World	Physical Education and Health
	Komunikasyon at Pananaliksik sa Wika at Kulturang Pilipino	Pagbasa at Pagsusuri ng Iba't-Ibang Teksto Tungo sa Pananaliksik	Contemporary Philippine Arts from the Regions	
	General Mathematics	Statistics and Probability	Media and Information Literacy	
	Earth Science	Disaster Readiness and Risk Reduction	Understanding Culture, Society and Politics	
	Introduction to the Philosophy of the Human Person / Pambungad sa Pilosopiya ng Tao	Personal Development / Pansariling Kaunlaran	Physical Education and Health	
	Physical Education and Health	Physical Education and Health		
CONTEXTUALIZED SUBJECTS	Empowerment Technologies (E-Tech): ICT for Professional Tracks	Research in Daily Life 1	English for Academic and Professional Purposes	Research in Daily Life 2
				Entrepreneurship
			Pagsulat sa Filipino sa Piling Larangan (Akademik)	Research Project
SPECIALIZATION SUBJECTS	Pre-Calculus	Basic Calculus	General Physics 1	General Physics 2
		General Chemistry 1	General Biology 1	General Biology 2
				General Chemistry 2
				Research/Capstone Project
HOURS PER DAY	5.8	6.6	6.6	5.8

Please note that some subjects have prerequisites. These are indicated in the Curriculum Guides and are listed below for easy referral.

SUBJECT	PREREQUISITE/S
Research in Daily Life 2	Statistics and Probability
Basic Calculus	Pre-Calculus
General Biology 2	General Biology 1
General Chemistry 2	General Chemistry 1
General Physics 1	Pre-Calculus, Calculus
General Physics 2	General Physics 1