



MARYMOUNT ACADEMY

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SCHOOL YEAR 2025-2026

Course	Science and Technology Secondary 2
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Description:

This course is designed to help students develop an understanding and appreciation of Science. It is a competency-based course that focuses on mastering particular course competencies.

Course Goals:

The course goals are in line with the **two subject competencies**.

C1- Seek answers or solutions to scientific or technological problems (Practical)

C2- Make the most of your knowledge of science and technology (Theory)

Term 1 (20%) September 2 nd - October 31 st	
<i>Competencies Targeted</i>	<i>Evaluation Methods</i> (e.g., End-of-term Evaluation Situation, Tests, Projects)
<p>Competency 1 Practical (40%): Seek answers or solutions to scientific or technological problems.</p> <p>Competency 2 Theory (60%): Make the most of his/her knowledge of science and technology.</p>	<ul style="list-style-type: none"> • Quiz and 1 Test per chapter (C2) • 2-3 Labs (C1)
<i>Communication to Students and Parents (e.g., note home, website, agenda, report cards)</i>	<i>Topics Covered</i>
<ul style="list-style-type: none"> • Email • Phone calls (when necessary) • Progress Report Card • Report Card 	<p><u>The Living World</u></p> <ul style="list-style-type: none"> • Diversity of Life Forms and Life Sustaining Processes • Survival of Species

Term 2 (20%) November 3rd- January 30th	
<i>Competencies Targeted</i>	<i>Evaluation Methods (e.g., End-of-term Evaluation Situation, Tests, Projects)</i>
<p>Competency 1 Practical (40%): Seek answers or solutions to scientific or technological problems.</p> <p>Competency 2 Theory (60%): Make the most of his/her knowledge of science and technology.</p>	<ul style="list-style-type: none"> • Quiz and test per chapter (C2) • 2-3 Labs (C1) • Science Fair project (preliminary work)
<i>Communication to Students and Parents (e.g., note home, website, agenda, report cards)</i>	<i>Topics Covered</i>
<ul style="list-style-type: none"> • Email • Phone calls (when necessary) • Progress Report Card • Report Card 	<p><u>Technological World</u></p> <ul style="list-style-type: none"> • Technological Systems • Engineering

Term 3 (60%) February 2nd – June 23rd	
<i>Competencies Targeted</i>	<i>Evaluation Methods (e.g., End-of-term Evaluation Situation, Tests, Projects)</i>
<p>Competency 1 Practical (40%): Seek answers or solutions to scientific or technological problems.</p> <p>Competency 2 Theory (60%): Make the most of his/her knowledge of science and technology.</p>	<ul style="list-style-type: none"> • Quiz and test per chapter (C2) • 2-3 Labs (C1) • Science Fair Project due TBD (C1) • End-year examination
<i>Communication to Students and Parents (e.g., note home, website, agenda, report cards)</i>	<i>Topics Covered</i>
<ul style="list-style-type: none"> • Email • Phone calls (when necessary) • Progress Report Card • Report Card 	<p><u>The Material World</u></p> <ul style="list-style-type: none"> • Structure of Matter • Changes in Matter <p><u>Earth and Space</u></p> <ul style="list-style-type: none"> • Earth: it's characteristics and phenomena • Astronomical Phenomena