



MARYMOUNT
INTERNATIONAL SCHOOL ROME

Technology Plan 2020-2022

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Global Network of RSHM Schools

The Mission is to foster the gift of internationality and to broaden our commitment to transformation of the world through education.

We commit ourselves to:

Educating for a multi-cultural and multi-religious world.

Mentoring our professionals and forming our school communities in the history, charism and spirituality of the RSHM.

Preparing our students to become leaders who are agents of transformation for justice and peace.

Working to educate and act for the causes of humanity and creation.

Marymount International School Rome

Mission Statement

We welcome students of diverse cultural and religious backgrounds, and offer an excellent program of studies and extracurricular activities. We seek to guide students towards the achievement of their full potential by empowering them to think creatively, reason critically, communicate effectively and learn continuously. It is our goal that a Marymount student should desire to celebrate God's love, respond generously to the needs of our world, and promote justice and dignity for all.

Goals and Criteria

A Marymount School is a community that commits itself:

To foster a personal relationship with God.

To create unity through diversity.

To instil a life-long love of learning.

To encourage and affirm personal growth.

To awaken a consciousness of social justice.

To fulfil the mission of the Religious of the Sacred Heart of Mary
"That all may have life."



Academic Excellence

- Curriculum for all grades which is rich in content and intelligent in design.
- An EC program which is grounded in leading early learning practices.
- Personalized learning programs to enrich high-performing students.
- Upgraded technology hardware and software to meaningfully enrich teaching and learning.
- College preparatory courses across Secondary School to prepare students for success.

Formation of ethical and responsible citizens

- Revised and expanded pastoral structure supporting all grade levels.
- Approaches to Learning Program extended schoolwide.
- Formal development and introduction of Service Learning in the Secondary School.
- Further integration of Global Network of RSHM Schools into the delivery of Mission.
- Programs and practices to encourage responsible custodianship of the planet.

Expertise and growth for each member of the community

- Increased parental access to and visibility of school and student life.
- Enhanced means of reflection and evaluation to promote high performance.
- Long-term professional development planning to support appraisal outcomes.

Best in class governance and operational structures

- Formalized programs for Board member recruitment, induction, and training.
- Strong admissions performance within the context of a broader advancement strategy.
- Safeguarding future growth through sound financial oversight and planning.

QUALITY TEACHING AND LEARNING

The program of teaching and learning at Marymount International School endeavors to develop in each member of its community the characteristics and traditions reflected in the Mission of the Religious of the Sacred Heart of Mary (RSHM), the Mission of the School, and the Goals and Criteria of the RSHM Network of Schools. Drawing from these sources, and from the philosophy of the IBO, the following Marymount Teacher and Learner Profile challenges each teacher and student to strive to embody the characteristics of a Marymount education. By articulating these characteristics and describing some of their salient features the Marymount Teacher and Learner Profile provides teachers and students with a picture of people who are committed to the high standards, continuous improvement and personal responsibility needed to ensure the highest quality of teaching and learning in the School.



MARYMOUNT
INTERNATIONAL SCHOOL ROME

Technology Vision Statement

At Marymount, technology will be delivered to all stakeholders at a consumer-grade level.

Users will be able to interact with the School's technology systems using any device, at any time, and from any place.

Users will be able to access the School's technology and data using a single account, with the task of managing multiple systems handled by the infrastructure rather than the user.

Pertinent data – for example regarding academic performance – will be stored, tracked, and reported in a clear and comprehensible manner so as to support decision-making.

Technology support will be available in a variety of formats to meet both the current and future needs of the user.

Classroom devices will be refreshed regularly so that students and teachers constantly benefit from the latest innovation.

Specific hardware and software will be visibly mapped into the curriculum.

Marymount students will be formed in ethical technology practices and will leave the School and enter the world as champions of responsible use.

The School community will critically assess major new technology developments to ensure that those which truly enhance student learning are brought into the classroom.

Two-Year Plan 2020-2022

Domain	2020	2021
Curriculum	<p>Continue to explore cross-curricular integration opportunities supported by technology</p> <p>Ensure the curriculum evolves to equip students with the necessary skills to interpret data of varying volumes and complexities</p> <p>Continually review and develop the enrichment and learning support provisions to ensure these are underpinned by technology</p>	<p>Begin to explore the potential of Artificial Intelligence with preliminary focus on differentiation and assessment</p> <p>Embed technology standards into curriculum maps across all grade levels (see ISTE Standards later in this Plan)</p>
Digital Citizenship & Responsible Use	<p>Introduce Digital Citizenship programs for parents and ensure they understand their responsibilities</p> <p>Continually review and develop existing Digital Citizenship programs to ensure they remain appropriate and times and technologies evolve</p> <p>Review policies on student technology use to ensure these are explicitly formulated and consistently applied</p>	<p>Align the Community behind a published statement on the respective instructional roles of teachers and technology</p> <p>Designate technology-free areas on campus</p>
Data-Driven Decision Making	<p>Create a role with sole responsibility for the audit and capture of relevant student data points – for example, academic progress and attendance records</p> <p>Conduct an in-depth study of existing systems to identify how best to integrate and track this data across time</p>	<p>Train faculty in accessing and interpreting student data in real-time</p> <p>Research suitable data visualization tools to enhance accessibility and comprehensibility of student data</p> <p>Develop suite of reporting on student progress for periodic review at management team level</p>

Domain	2020	2021
User Training	<p>Build sequential training program for teachers in various technologies and implement using a variety of media (e-learning, group sessions, fly-bys)</p> <p>Explore possibilities of student-led technology training for teachers</p> <p>Integrate technology into the agenda of the School's existing professional learning community</p>	Utilize the integrationists as "training champions" to lead this effort
Printing	<p>Address issues with follow-me printing on ad hoc basis</p> <p>Assess desirability of maintaining current course with RICOH versus exercising buy-out option and switching to another supplier</p>	Undertake initiative to reduce printing on campus by 10%
IT Governance & Human Resources	<p>Agree target operating structure for IT:</p> <ul style="list-style-type: none"> – role of integrationists – role of IT teachers – internal vs external staff – team structure – role of IT Director <p>Establish IT Governance Committee to steer the implementation of the two-year plan</p> <p>Identify a suitable staff member and assign responsibility for ensuring the School remains current in developmental trends in educational technology</p>	<p>Document and publish all Standard Operating Procedures</p> <p>Develop and implement a formal project delivery methodology based on PMBOK or PRINCE2</p>
Infrastructure	Relocate the primary server room to the basement of The Villa and thereby centralize all critical infrastructure	<p>Migrate virtualization host servers (ESXi) to new versions as existing ones are reaching end of warranty</p> <p>Concurrently upgrade Active Directory server as is currently</p>

Domain	2020	2021
	<p>Implement appropriate physical security and environmental controls to safeguard key infrastructure items and schedule periodic testing</p> <p>Perform retroactive acceptance testing and obtain certification of all low current cabling installed in 2016/2017</p> <p>Conduct WAN study to assess future bandwidth needs in view of planned expansion of user devices</p> <p>Finalize plans for campus-wide central locking system</p> <p>Move towards single platform swipe card system for printing, door locking, attendance, and interactive TVs</p>	<p>running O/S 2003, as well as VMware</p> <p>Conduct a radio coverage study of the entire campus and consider expansion of wifi provision in view of planned campus developments</p> <p>Following migration and upgrade of virtual servers, establish new backup and retention procedures to leverage updated technology</p> <p>Schedule periodic testing of backup files to ensure recoverability</p> <p>Expand coverage of fire alarm and PA system considering planned campus developments</p> <p>Expand CCTV network to provide complete coverage of perimeter fencing plus newly expanded zones: Forest School, new Early Childhood Center, EC playground</p>
Software & Hardware	<p>Complete and publish an inventory of all IT hardware and software</p> <p>Consolidate all School cell phones on the MDM platform to ensure continuity of security and controls</p> <p>Institute incident management technology and process in tandem with staffing changes and commence periodic metric reporting to management</p> <p>Install interactive touch screen technology across entire Secondary School</p> <p>Establish a committee of faculty members to research and pilot new</p>	<p>Install interactive touch screen technology across entire Elementary School</p> <p>Conduct SIS needs assessment through the School Principals to determine the logic of continuing to operate both PowerSchool and Manage Bac</p> <p>Design and implement API for Google integration with PowerSchool and Manage Bac</p>

Domain	2020	2021
	and emerging technologies and technology-enabled learning environments	
Information Security	<p>Engage external party to conduct penetration testing on key infrastructure</p> <p>Audit the electrical capacity of the campus to ensure target low and high current infrastructure requirements can be supported by the system</p> <p>Build a Disaster Recovery Plan with recovery objectives in line with the School's Crisis Management Plan</p> <p>Schedule annual testing of the DRP</p> <p>Continually review the School's network security settings to ensure they remain appropriate in times of changing need</p>	<p>Develop IT Risk Management process as subsidiary process to enterprise-wide risk management</p> <p>Document all existing IT general controls and application controls</p> <p>Invite external party to conduct audit of controls and provide recommendations</p> <p>Build comprehensive information security training plan to be delivered annually alongside data protection training – social engineering, phishing, password controls</p> <p>Assess need to duplicate firewall provision to provide redundancy</p>
Communications & Audiovisual	<p>Build roadmap of desired family interaction with School: single Google family account, seamless integration with website and key systems, ability to view and pay bills online, etc.</p> <p>Design a campus-wide display system with central control in the Admissions & Marketing Office</p>	<p>Design a professional grade audiovisual solution for the Auditorium to be renovated by September 2021</p>