MARYMOUNT
INTERNATIONAL SCHOOL ROME

Technology Planning Guide
2024-2026

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Introduction

To review the School's Technology Plan 2020-2023, a working party representative of the whole school and wider community met weekly between January and April 2023 to identify needs, discuss trends, evaluate practice, and speculate on the altering landscape of technology in our scholastic setting following the launch of OpenAI in November 2022.

Sarah Gallagher	Headmistress
Matthew Harvey	Director of Ethos; HS Assistant Principal Pastoral
Raphael Hassid	Grade 10 Student
Giacomo Indri	Director of Educational Technology
Orla Ni Riordain	HS Assistant Principal Academic
Shane O' Corcorain	Enrichment Coordinator ES
Fabio Pasqualetti	Salesian Pontifical University Professor
Alexander Tamas	Parent ES and SS
Giovanni Tridente	Pontificia Università della Santa Croce Professor
Ji-In Yun	Grade 10 Student

Marymount 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.

Technology Vision Statement

At Marymount, we aim to provide formational experiences that enable students to become critical, skilful, and ethical users and shapers of technology. We shall provide a balanced use of technology, informed and illuminated by the light of faith as expressed through the charism of the RSHM and the theology of the Catholic Church. We shall continue to maintain a focus on the importance of students learning about the Arts, History, Language, Literature, Music, Philosophy, and Religions as it is in these areas that our essential humanity is cultivated. Through this study and in working with technology, we shall privilege the nurturing of our students' authentic voice and instill in them a contemplative mind to synthesize their virtual experience and encounters.

We further plan to use technology in the pursuit of social justice, equity, diversity, and inclusion. We shall model highly ethical and responsible use of technology, critically assessing major new technological developments to ensure that the School embraces, and thoughtfully implements, those which align with our Mission.

Goals

Goal 1: To create, integrate, and develop current and emerging technology content and systems into all educational and operational areas of school life.

Goal 2: To promote an ethical, responsible, and sustainable use of technology.

Goal 3: To maintain, and continue to develop best in class technological support and infrastructure.

Goal 4: To provide secure data management and reporting practice.

Goal 5: To source and deliver continuous professional development in technology use.

Goal 1: To create, integrate, and develop current and emerging technology content and systems into all educational and operational areas of school life

- Create a Marymount Technology Committee to keep abreast of technology changes and to scan for disruptive scenarios, primarily but not exclusively, within the educational context.

- Audit whole school current curricular and extracurricular offering in ES, MS, and HS to assess technology's contribution to critical thinking, problem solving, computational thinking, and ethically driven decision making.

- Review the digital continuum to develop understanding of the potential of AI in supporting teaching and learning, assessment, and to showcase bias with the need to assess for accuracy.

- Ensure the accessibility of digital content for all in every setting being particularly mindful of those with special educational needs.

- Revisit teaching spaces, especially those used in multiple ways, to evaluate how we can use these areas to promote autonomous interactive technology based learning.

- At the operational level, embed OpenApply, and ticketing systems to be used by the Technology and Maintenance Departments to rationalize and maximize efficiency of our work flows.

Goal 2: To promote an ethical, responsible, and sustainable use of technology.

- Create a suite of GenAI policies and protocols that encourage experimentation in a safe and responsible way.

- Ensure that online safety, digital citizenship, and data privacy practices are taught at all levels, and are appropriately followed.

- Foster a culture of responsible and ethical technology use among students, faculty, staff and parents by providing opportunities via INSET, ATL, and parent workshops to highlight the opportunities and risks.

- Promote digital well-being and balance in the use of technology from the intentional use of the Forest School in the Early Years through the socio-emotional curriculum, trips, festivals, and curricular practices.

- Review and upgrade all technology related policies and protocols to ensure that ethical practice is enshrined at their core.

- Review homework, assessment, rewards and sanctions, and safeguarding policies to determine that the expectations for use of technology in our community are clearly framed in terms of ethical and responsible praxis.

- Cultivate the Dining Room as a technology free space.

Goal 3: To maintain, and continue to develop our technological support infrastructure

- Audit current infrastructure to guarantee that it will provide the necessary reliable and robust support systems to enhance all teaching, learning, security, and administrative functions.

- Ensure all stakeholders have access to up-to-date and well-maintained hardware and software resources.

- Establish efficient technical support mechanisms for prompt issue resolution.

Goal 4: To provide secure data management, cyber security, and reporting practice to enable better decision making via data analytics

- To create comprehensive cybersecurity systems to safeguard sensitive data and

infrastructure, ensuring compliance with industry standards and regulations.Best cyber security practice.

- Whilst maintaining a focus on the differentiation, rather than on the straightforward adoption of technology of public tools, review and upgrade where necessary our data management practices to ensure secure storage, tracking, and reporting of information.

- To educate all stakeholders to ensure that they comply with relevant data protection regulations and privacy requirements, especially in the area of GDPR.

- Utilize data analytics to inform decision-making at all levels of the School.

Goal 5: To source and deliver continuous professional development in technology use

- To foster in our faculty and staff a culture of continuous learning and innovation in educational and operational technologies.

- Offer systematic and timely training opportunities to keep faculty, staff, and administrators updated with emerging technologies.

- Promote collaboration among educators to share best practices and innovative approaches in technology integration.

- Provide opportunities for faculty and staff to participate in external professional development related to technology.

Implementation and Monitoring

Timeline

a. The Technology Plan will be implemented over a period of two years, with annual reviews and updates as needed.

b. Specific projects and initiatives will be prioritized and scheduled based on the needs and resources of the school community.

Monitoring and Evaluation

Goal 1
- Increase in the percentage of classrooms utilizing technology-integrated lessons to 90%.
- Improve student satisfaction with technology-enhanced learning experiences to a high level of satisfaction on a scale of poor, satisfactory, high.
- Increase the number of collaborative projects facilitated through online platforms in all areas by 25%.

Goal 2
- Decrease in the number of reported instances of inappropriate technology use by students by 30%.
- Increase in the percentage of faculty and staff completing digital citizenship to 100%.
- Maintain data privacy training for all members of the community.
- Conduct an annual survey to measure student and staff satisfaction with technology-related support and resources.

Goal 3
- Maintain a network uptime of at least 99.9% to minimize disruptions in teaching and learning.
- Maintain an average response time for technical support requests of 24 hours.
- Upgrade hardware and software resources in accordance with industry standards and educational requirements.

Goal 4
- Implement a secure and centralized data storage system with regular backups and disaster recovery plans.

- Develop dashboards and reporting tools to provide clear and comprehensible data insights for decision-makers.
- Conduct regular data audits to ensure compliance with data protection regulations.

Goal 5
- Increase the percentage of faculty and staff participating in professional development programs related to technology integration to 100%.
- Measure the effectiveness of professional development programs through participant feedback and improved classroom practices.
- Implement a mechanism for sharing best practices and fostering collaboration among staff regarding technology integration.

Budget and Resources

a. Allocate adequate funding for technology infrastructure, software, professional development, and other related expenses.
b. Pursue grant opportunities and partnerships with external organizations to support the plan's goals and objectives

Financial Plan

	2022-2023	2023-2024	2024-2025	2025-2026
Total Technology	**€775,000**	**€907,000**	**€942,000**	**€978,000**
Hardware	**€278,000**	**€310,000**	**€316,000**	**€322,000**
Lease • IFIS RENTAL SERVICES SRL - Computer Tablets and Interactive Boards • LOGATEK SRL - Printing system • DE LAGE LANDEN INTERNATIONAL BV-SUCCURSALE DI MILANO - Printing system • RICOH ITALIA SRL - Old Printing system • ENTERPRISE SOLUTIONS SRL - Internet Connectivity • FASTWEB S.P.A. - VoIP • ITEL SRL- VoIP • WIND TRE SPA - Internet Connectivity • CHERRY CONSULT SRL - Printing system	**€251,000** €139,000 €20,000 €31,000 €40,000 €15,000 €4,000 €2,000 €1,000 €5,000	**€257,000**	**€263,000**	**€269,000**

Buy	€21,000	€21,000	€21,000	€21,000
• AMAZON BUSINESS EU SARL	€4,000			
• ANYCUBIC				
• THOMANN GMBH				
• REAL SECURITY GROUP SRL	€2,000			
• AMAZON BUSINESS EU SARL	€5,000			
• AMAZON EU SARL SUCURSAL EN ESPANA	€6,000			
• IKEA ITALIA RETAIL SRL	€6,000			
	€1,000			
	€1,000			
Maintenance	€7,000	€7,000	€7,000	€7,000
Online Operational Software	€101,000	€103,000	€105,000	€107,000
Online Teaching & Learning Software	€263,000	€277,000	€291,000	€306,000
Personnel	€134,000	€137,000	€140,000	€143,000
Professional Development	€1,000	€30,000	€35,000	€40,000
Innovation Fund	N/A	€200,000	€200,000	€200,000

AI and emergent technologies - per annum looking at a 2-5% increase each year.

Conclusion

The Technology Plan for Marymount International School represents a commitment to realizing the School's vision for technology integration and ethical use. Through ongoing collaboration and thoughtful implementation, the School will create an environment where technology is harnessed to foster students' essential humanity, critical thinking, and commitment to social justice, equity, diversity, and inclusion.