

St Colman's Community College

Our Digital Learning Plan 2022/2023

1. Introduction

This document records the outcomes of our current digital learning plan, including targets and the actions we will implement to meet the targets.

1.1 School Details:

St colmans Community College Youghal Rd Midleton Co cork

Roll Number 71050P

1.2 School Vision:

The ICT Vision for St Colmans

The entire school community's work, learning and school experience is supported and enhanced by the appropriate and effective use of ICT. Engaging with the intrinsic qualities of ICT to improve work through maximizing collaboration, creativity, and communication between and within all the groupings of St Colmans School Community.

Our vision incorporates the following principles:

- Decisions on the use of ICT in school should be based on and integrated with the general aims of education and involves the entire school community.
- All teachers and students should have equity of access to appropriate ICT infrastructure, bandwidth and resources and online content to support the Irish curriculum.
- The Teachers in St Colmans are constantly engaged in enhancing how they teach, how their students learn and how learning is assessed and that this Teacher professional development in ICT is always supported and available whilst realising that teachers have different knowledge and skill levels in relation to using ICT.
- The integration of ICT to improve students learning and to prepare them for lifelong learning, should be an integral part of the school planning process.
- That digital technologies can enhance communication between home and school.
- ICT Planning is required to ensure ICT integration in teaching, learning and Assessment.

1.3 Brief account of the use of digital technologies in the school to date:

- **Description of current infrastructure and resources**

- **Number of PCs, their location and operating systems**

- St Colmans currently has 324 networked computers
 - 197 PCs are located in computer Labs
 - 20 in Administration
 - 64 in classrooms
 - All PC/laptops have Windows 10/11. Pcs are majority I7 , some are Ryzen 3 and the least powerful are i3
- 97 Teacher Laptops, Windows 10/11
- 15 Sna Laptops, Windows 10/11
- 91 ipads 7th and 8th Gen OS 16.1.1-OS 15.4
- 99 Chromebooks
- 24 shared student Laptops Windows 11 (Trolley)
- 81 Laptops with students under SEN and Disadvantaged

- **Computer labs and brief description of setup**

- We currently have 7 computer Labs, three are DCG room three are general access.

Ipad Trollies

- We have 2 ipad trollies in operation. These trollies have a classroom set of ipads. The trollies are booked and wheeled to the classroom and all students have a wifi enabled device in their hands to research and produce work.

Chromebook Trollies

- **We have 4 Chromebook trollies**
- The trollies are wheeled to the classroom and all students have a wifi enabled device in their hands to research and produce work. 1 trolley is Designated SEN only, 1 trolley is designated TY only, 2 trollies are general access

Laptop Trolley

- **We have 1 Laptop trolley**
- The trolley is booked and wheeled to the classroom and all students have a wifi enabled device in their hands to research and produce work.

- **Description of the network**

- The wired network is full enterprise standard with Cisco Meraki Switches. This was installed in 2020

- **The wireless network**

- Excellent wifi is available to Teachers / Students devices. Wifi is available in all areas of the school with no blackspots reported

Classroom setup

- All classrooms have a PC and digital Projector and internet access wired and wifi.
- Some classrooms have visualisers, supplied to all teachers who request them
- Practically all classrooms have short throw projectors all of which allow wireless connection. There are some classrooms where short throw could not be installed but have recently installed long throw with wireless connection

Assembly Areas

Installed short throw projectors with wireless connection.

Staffroom setup

- Staff have designated staff only computer room with 25 computers for preparing class work etc

Specialist Rooms and Resources for students with special needs

- The Special Needs Department are especially well resourced with all requests for ICT met.

Laptops

- All Teachers in the school on 2020 were given a laptop for their school work and upon Retiring/leaving these have been recycled to new teachers.

Cloud Computing

- The schools is a Google Apps For Education School (GAFE) and schoolwise school
- Microsoft Cloud education is set up for those teachers who wish to use it
- VSWare is student administration System
- Way to Pay is Parental Payment System

Google Apps For Education

- This is used by everyone in the school community.
- All Teachers and Students have GAFE access. The school community collaborates and communicates using the google suite of applications and technologies.

Email

- All Admin, Teachers and Students have a @colmans.ie Email address which works through GMail.
- Various teaching and student groupings exist allowing very effective collaboration and communication.

Google Drive

- All Admin, Teachers and Students have been given a colmans google drive meaning that files can be shared, submitted through cloud storage therefore no USB Drives which have their own inherent problems.

Google Docs/Slides

- All Admin, Teachers and Students have access to these cloud productivity tools meaning no longer do we have software version issues between school and home.

Google Classroom

- The majority of Teachers have google classrooms groups running which is a VLE but when used in conjunction with Email, Drive and Docs/Slides becomes a complete learning and portfolio management system, which is not only facilitating teacher/student collaboration but also parental/guardian involvement. Google Classroom allows parents to engage with their children's learning.

Google Forms

- Forms are used frequently when requesting information from staff it allows for data requests which are directed and confidential.

The School website

- The school website is built with Google technologies and is integrated into our GAFE, which allows us to supply and collect information from the wider community. The website is Social Media enabled. The school has a facebook, instagram and twitter account and regularly posts to these sites.

Schoolwise

- This application allows teachers and students to effectively communicate. Schoolwise syncs with vsware automatically and teaching groups are formed and so as class groups change day to day the teacher is able to stay in contact with their classgroup without have to send invites etc. Teachers can send photos documents quizzes etc, make announcements , students can receive work instruction and check their timetables and track their progress.

Vsware

- The school uses VSware for timetabling , attendance and communicating with Parents and Students. The school has implemented the add on package of VSMail.

StudyClicks

- Students receive a free study clicks account

Digital Learning Team 22/23

The digital learning team inform Digital planning in St Colmans

Members

Trish Carlos

Nora Healy

Tomas O' Riain

Lorraine O'Tuama

Eric O'Commor

Colin Manning

2. The focus of this Digital Learning Plan

The Maths department were introduced to the use of Tablets in Maths for Teaching and Learning at JCT inservice. The Department wished to implement using tablets to replace whiteboard work. The teacher in this approach writes directly on the tablet and the work is projected wireless on the board and following the lesson posts the work of that lesson directly on to the student's google classroom page.

The Digital team, following reviewing a number of tablet types, chose Microsoft Surface 3 tablets with the best quality stylus available, the Surface Pro Pen 4. The compatibility with Microsoft wireless projector display adapter was a major factor in the decision and also the familiarity of teachers with windows 11 operating system.

The approach of the Plan was to firstly embed usage in the Maths Department. To achieve this the plan is to seek volunteers within the Maths department to work with the tablets over a six week period and then survey. The survey will determine the effectiveness of the tablet in the classroom and determine the extent of embeddedness in teacher practice. The survey will determine if we should request further subject departments to adopt the tablets. Survey students on their experiences of learning with teachers using tablets for board work.

Teacher collaboration is a focus for this plan in the sharing of effective use of tablets across the departments is required throughout the Plan. Teachers will be encouraged to share board work across the department.

Teachers in plan who for whatever reason don't wish to continue with the tablets can opt out provided its not a support issue can leave the programme and their tablet will be taken back and used in further departments rollouts.

2.1 The dimensions and domains from the Digital Learning Framework being selected

Dimension Teaching and Learning

- DOMAIN 3: Teachers individual practice
- DOMAIN 4: Teachers Collaborative Practice

2.2 The standards and statements from the Digital Learning Framework being selected

Standard	Statement(s)	
<p>Standard:3.3 The teacher selects and uses teaching approaches appropriate to the learning objective and to students' learning needs</p>	<p>Teachers are aware of, and purposefully use, a range of digital technologies appropriate to the learning objectives and learning needs of their students when designing learning activities.</p>	<p>Teachers reflect on, and adapt their pedagogical strategies when using digital technologies to personalise and facilitate pupils' ownership of their learning.</p>
<p>Standard: 4.1 Teachers value and engage in professional development and professional collaboration</p>	<p>Teachers evaluate, demonstrate and reflect with peers on the use of digital technologies to innovate and improve educational practice.</p>	<p>Teachers engage in professional development, lead and support colleagues in selecting and aligning digital technologies with effective teaching strategies to expand learning opportunities for all students.</p>
<p>Standard: 4.4 Teachers contribute to building whole- staff capacity by sharing their</p>	<p>Teachers collaborate in determining how digital technologies can be used effectively for teaching, learning and assessment.</p>	<p>Teachers lead and support colleagues within the school to develop a shared vision of how digital technologies can enhance learning opportunities for all students.</p>

expertise		
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2.3. These are a summary of our strengths with regards digital learning

Digital technology use is extensive and commonplace in most classrooms.

Digital technology skills are well developed among teachers

Digital Upskilling is very desirable among teachers

Teachers and students wish to use more Digital Technologies in T&L

2.5 This is what we are going to focus on to improve our digital learning practice further

- Supporting teachers throughout the plan by creating active feedback routes within and across departments

3. Our Digital Learning plan

On the next page we have recorded:

- The **targets** for improvement we have set
- The **actions** we will implement to achieve these
- **Who is responsible** for implementing, monitoring and reviewing our improvement plan
- How we will measure **progress** and check **outcomes** (criteria for success)

As we implement our improvement plan we will record:

- The **progress** made, and **adjustments** made, and **when**
- **Achievement of targets** (original and modified), and **when**

Digital Learning Action Plan

DOMAIN: (From Digital Learning Framework)

DOMAIN 3: Teachers individual practice

DOMAIN 4: Teachers Collaborative Practice

STANDARD(S): (From Digital Learning Framework)

Standard:3.3

The teacher selects and uses teaching approaches appropriate to the learning objective and to students' learning needs

Standard: 4.1

Teachers value and engage in professional development and professional collaboration

Standard: 4.4

Teachers contribute to building whole- staff capacity by sharing their expertise

STATEMENT(S): (From Digital Learning Framework)

Teachers are aware of, and purposefully use, a range of digital technologies appropriate to the learning objectives and learning needs of their students when designing learning activities.

Teachers reflect on, and adapt their pedagogical strategies when using digital technologies to personalise and facilitate pupils' ownership of their learning.

Teachers evaluate, demonstrate and reflect with peers on the use of digital technologies to innovate and improve educational practice.

Teachers engage in professional development, lead and support colleagues in selecting and aligning digital technologies with effective teaching strategies to expand learning opportunities for all students.

Teachers collaborate in determining how digital technologies can be used effectively for teaching, learning and assessment.

Teachers lead and support colleagues within the school to develop a shared vision of how digital technologies can enhance learning opportunities for all students.

TARGETS: (What do we want to achieve?)

Teachers using digital technologies that enhance the learning experience of Students.

Provide students with more opportunities to learn and review teacher classroom work assisted by technology

ACTIONS (What needs to be done?)	TIMEFRAME (When is it to be done by?)	PERSONS / GROUPS RESPONSIBLE (Who is to do it?)	CRITERIA FOR SUCCESS (What are the desired outcomes?)	RESOURCES (What resources are needed?)
<ul style="list-style-type: none"> ● Select the appropriate Hardware ● Purchase Hardware ● Select Teachers from Maths Department ● Support Maths teachers in embedding in practice ● Survey Maths teachers ● Decision to select further Departments ● If Further Departments selected loop actions 	<ul style="list-style-type: none"> ● Throughout The academic year 22/23 ● Maths department complete pilot by middle of November ● Survey middle of November ● Selection of additional departments by December 2022 ● Continue in six week rollouts 	<ul style="list-style-type: none"> ● Digital Learning Group ● Departments selected 	<ul style="list-style-type: none"> ● Teachers embed use of tablets in teaching ● Teachers collaborate in tablet use and teaching and learning ● Teachers experiences are positive ● Students experiences are positive 	<ul style="list-style-type: none"> ● Digital grant

EVALUATION PROCEDURES:

(How are we progressing? Do we need to make adjustments? Have we achieved our targets?)

Continuous surveying of participants, teachers and students.