

Areas for Improvement: To move our ICT development forward through:

- 1. Use of iPads to enhance learning**
- 2. Introduction of the MERU wireless network**
- 3. Further embedding and development of UICT at Key Stage 3**
- 4. Diagnostic testing of pupils via ICT – PTE, PTM, PTS, STAR Reading Test**
- 5. Expansion of social media to promote the school and engage parents and the local community**
- 6. Use of ICT to promote CEIAG via E-Progress File**
- 7. Use of ICT to track progress and predict outcomes via SIMS Discover and Pupil performance Tracking**

**Where are we now? (with reference to areas for improvement noted above)
General Summary of Current Position**

- 1. Working in collaboration with iTeach, all of the teaching staff have received training in the use of iPads in the classroom. Each teacher has been provided with an iPad and Apple TV to work with the IWB in all classrooms. Pupils now have access to 40 mini iPads. These were procured via Big Lottery Funding by the PTFA and are shared between curriculum and community the use. The school has run courses for older members of the community in iPad use of collaboration with IGNITE ICT and part funded by BT Local Communities. An audit of the use of the iPads was completed in October 2015. iPads have been used most extensively in the curriculum areas of Mathematics and Art and Design – in the latter case with the green screen to support KS3 UICT. In addition, iPads have been extensively used in the school Library to support the Accelerated Reading programme.**
- 2. C2K completed the installation of the MERU wireless network following a site survey. Additional WAPs were purchased by the school to enhance connectivity in the newly refurbished Lecture Theatre and Assembly. A parallel virtual network was installed by iTeach to allow initial access to Apple TV. This has since been superceded by a wireless solution allowing Apple TV to connect to the internet via the C2K network. This was completed by C2K and at this time all staff and pupil iPads were configured for the C2K Local Apps network. This has improved connectivity and resolved issues hindering the effective deployment of iPads and Apple TV. Subsequently, limitations of C2K Local Apps have become apparent. In particular, the need to log in and download security certificates repeatedly has proved a barrier to the effective deployment of the iPads. In October 2016, C2K carried out a site visit to address this and other ICT issues. As a result, the school will implement C2K Open Guest to deal with the connectivity issues with iPads and the wireless network.**
- 3. In 2014/15, 56% of Year 10 pupils achieved Level 4 in UICT, with 44% obtaining Level 5. These are the school's own figures, verified by our participation in the Voluntary Accreditation and Portfolio submission scheme run by CCEA, one of the few schools in NI to do so. UICT Tasks are delivered at KS3 in the curriculum areas of Technology, Science, Art and Design, Geography and Employability. Work is ongoing to develop and deliver a task on Modern Foreign Languages. A particular effort is being made to obtain Approved Task status and verification for Exchange at levels 5 and 6 to allow a pathway for improvement. In 2015/16, 47% of pupils achieved Level 5+ in UICT, with 50% achieving Level 4. This represents an overall increase but further consideration of the results reveals an issue of concern, with 70% of girls achieving Level 5+ compared with 38% of boys. This is a gender imbalance that is being addressed by the UICT group.**
- 4. In September 2015, ICT has been used to deliver PTE, PTM and PTS tests to pupils in KS3 as well as STAR Reading Tests for all KS3 pupils as part of the Accelerated Reader programme. Pupils also use iPads in the Library to complete book tests as part of Accelerated Reader. This is a much more convenient and engaging means of carrying out the testing. This programme of testing will continue with the exception of PTS. It does, however, raise the question of our current hardware provision in Rm 9. A C2K engineer will visit the school in October 2016 to review the computers in Rm9 and advise on remedial steps and actions required to refresh the machines there.**
- 5. The school has expanded its digital footprint from its website to include a Twitter and Facebook account, whilst maintaining the Text Messaging Service. This has been supported by the purchase of a new digital camera. The Facebook account has been particularly successful, with approximately 900 followers and popular posts attracting c. 1500 views on average. This has now become embedded in our practice, with regular facebook updates and over 1000 page likes, with an increase in the number of views.**
- 6. Rm 8 has been developed as an additional computer suite in partnership with the Portaferry Community Collective via the provision of 25 laptop computers, refurbishment and an alarm system. This is a key resource for both school and community use.**

Objectives/targets to bring about improvement	Success criteria	Actions to bring about improvement	Time/materials/staff development including costings	External Support Required?	Staff/lead responsibility	Timescale
<p>Providing for the professional development of staff in ICT (CPD)</p> <p>To equip all staff with iPads and train them in their effective use in conjunction with the wireless network and Apple TV</p> <p>Additional Training and support for staff in the delivery of UICT to KS3 pupils and the accreditation of Tasks.</p> <p>Training for all staff in the use of the VLE FRONTER to support independent learning at home and potentially facilitate Shared Education.</p>	<p>Staff use iPads to enhance learning in the classroom and make effective use of Apple TV / wireless connectivity.</p> <p>To have UICT Tasks approved in the curriculum areas of Science, Employability, Geography, Art and Design, Modern Languages and Technology. To have these Tasks delivered and provide pupils with a pathway to achieve Level 6.</p>	<p>Training of all staff by iTeach.</p> <p>Purchase of iPad for each staff member.</p> <p>Purchase and installation of Apple TV and TP Link virtual wireless network for all classrooms.</p> <p>Record of iPad use kept via audit.</p> <p>Installation of C2K software to allow direct access of AppleTV to the MERU wireless network and enhance connectivity of pupil and teacher iPads via C2K Wireless Apps solution.</p> <p>Adoption of C2k Open guest wireless protocol to enhance wireless connectivity.</p>	<p>Time: INSET / SDD time devoted to CPD.</p> <p>Staff Development: Input from iTeach; peer education via Sharing of Good Practice Day.</p> <p>Cost of iPads and training from iTeach. Cost of TP Links and Apple TV for classrooms.</p> <p>Key UICT staff attended CCEA Training Days on UICT. ICT Coordinator and key staff to attend further training. (Early 2016)</p> <p>Entry into voluntary portfolio accreditation in 2014/15. All Year 10 pupils engaged in voluntary moderation of UICT in the academic year 2015/16. (Tasks to be submitted by end of March 2016).</p> <p>Purchase of green screen, tripod, microphone and apps in 2015 to support the delivery of the Moving Image UICT Task in Art & Design. (£250)</p>	<p>iTeach training and management meetings.</p> <p>CCEA support re UICT at KS3. Visit of Dorothy Orr on 19/11/15 to support all staff in the delivery of Tasks addressing Exchange at Levels 5 and 6.</p> <p>Contact with CCEA re accreditation of Level 6 Tasks 2015/16.</p> <p>Annual reviews of UICT provision model and pathways to level 6 for pupils. Analysis of the contribution of all subjects in 2016/17 in respects of the 5 'E's' and respective performance. Refresh of certain Task as required on an annual basis.</p>	<p>Mr Breen, Mr Hay, Miss Laverty, UICT group</p>	<p>iTeach training and purchase of iPads completed September 2014.</p> <p>November 2015 – completion of iPad usage audit.</p> <p>October 2015 – C2K staff re-configured all iPads and AppleTV units.</p> <p>March 2016 – UICT Tasks submitted for voluntary moderation in all curriculum areas identified.</p> <p>CCEA Training for UICT staff throughout academic year 2015/16.</p> <p>Annual review of wireless and iPad use 2016/17 onwards.</p> <p>Update of ICT equipment via PTFA fundraising 2016/17 and beyond with a particular focus on the ICT suite in Rm9.</p>

<p>Promoting the effective use of ICT to support learning and teaching</p>	<p>Assessment and other data is actively used to inform teaching and learning across the school and to promote improvement.</p> <p>A more sophisticated and effective use of data from a wider range of sources to support analysis and predictions of pupil performance as part of the overall system of Pupil Performance Tracking.</p> <p>Use of e Progress File (CCEA) to support pupil learning in Employability.</p> <p>Use of SIMS to transfer KS2 data to support transition from Primary School within the wider context of the CPD Literacy and Numeracy project.</p>	<p>Review and improve use of existing Pupil Tracking System.</p> <p>Participate in SIMS Discover Pilot.</p> <p>Continue to develop Tracking by enhancing KS4 element and including data from SIMS Lesson Monitor, Behaviour and achievements Modules.</p> <p>Introduce online NFER testing to baseline Year 8 in conjunction with data already received from Feeder Primaries.</p> <p>Use of online tests in PTE, PTS and PTM throughout KS3 as both a means of base-lining and establishing accurate predictions of pupil capability and performance through to GCSE. Use of STAR reading test in conjunction with the Accelerated Reading Programme (and Book Tests) to support Literacy.</p> <p>Interrogation of the diagnostic output of PTE, PTS, PTM and STAR by relevant staff to inform effective teaching strategies to address identified areas for improvement.</p>	<p>Staff Meetings – ongoing process of continuous assessment and reporting</p> <p>Engagement with C2K staff; involvement of Pastoral Teams and Senior Management to track pupil progress</p> <p>Implementation of Positive Behaviour Policy produced as part of RRSA Level 2 Award; use of data by Pastoral Teams; Integration of Awards Scheme with SIMS; enhanced pupils rewards and recognition.</p> <p>ICT group meetings / Staff Meetings</p>	<p>Training from C2K in various aspects of SIMS.</p> <p>Participation in SIMS Discover Pilot Scheme. Training of all staff in SIMS Discover – SDD in December 2015.</p> <p>Training for all staff in e Progress File – SDD in December 2015. Review of uptake and use of e-progress 2016/17 in conjunction with employability provision in PAL and Prince’s trust XL Programme.</p> <p>Consideration and analysis of PTE, PTM and PTS data by English, Mathematics and Science teachers ongoing from September 2015.</p> <p>Use of SIMS Behaviour data by Pastoral Teams ongoing and enhanced from September 2015 in addition to data captured via SIMS Lesson Monitor. Annual updates of Behaviour and Achievement data with monthly consideration of outcomes at Learning Support Group meetings.</p>	<p>All Staff., led by Principal, VP and Coordinators as appropriate.</p> <p>STAR and AR – Mrs Gallagher</p> <p>E Progress File – Mrs Mageean - 2016/17 – Miss Laverty</p> <p>SIMS Discover – Mr Breen</p> <p>Transition Project – Mr Breen, Mrs Gallagher, Mrs Mageean</p> <p>Mrs Mageean has been replaced by Miss Mason as of 2016/17.</p>	<p>E Progress file: September 2015 onwards.</p> <p>PTE, PTM, PTS from academic year 2015/16 onwards. PTS to cease from 2016/17onwards. More detailed scrutiny of outcomes and work on the use of stanine data.</p> <p>STAR Testing – further integrated into Pupil Performance Tracking from December 2015 onwards. Annual review and use of data produced predictions and the setting of pupils.</p> <p>Electronic transfer of KS2 data and PTE / PTM outcomes from feeder primaries via SIMS and UPN from 2016 onwards. Literacy and Numeracy to be further supported via engagement of staff in CPD Literacy and Numeracy Transition Project with feeder primaries beginning in October 2015.</p> <p>2016/17 enhanced use of FRONTER to support Controlled Assessment Tasks and Module preparation.</p>
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<p>Promoting the effective use of ICT in school leadership and management</p>	<p>ICT is used to facilitate good communication at school and between home and school.</p> <p>Managers and leaders develop competence in ICT as a transformational tool to secure improvements in learning, teaching and pupils' performance.</p> <p>Pastoral and Curriculum Leaders use ICT effectively to support the work of their teams and the learning and development of pupils.</p> <p>ICT plays a key part in the enhanced provision for those pupils on the SEN Register. (Assistive Technology)</p>	<p>Developing the use of email and FRONTER to work towards a more online learning environment for teachers and pupils.</p> <p>Continued use of digital imaging and multimedia, particularly a development of the green screen and related apps across a wider range of curriculum areas.</p> <p>Further refinement of the Pupil performance Tracking via SIMS to incorporate data from PTE, PTM, PTS and STAR.</p> <p>Development of SIMS Behaviour and Achievements and Lesson Monitor to support the work of the Pastoral Teams in KS3 and 4.</p> <p>Uploading of IEP's and related documents to SIMS following input from Teaching Staff and Classroom Assistants.</p>	<p>SDD / INSET days dealing with e Progress File, PTE, PTM, PTS, STAR, SIMS Discover and Tracking throughout 2015/16 and ongoing.</p> <p>Annual Sharing of Good Practice Day showcasing the use of ICT to promote and enhance learning and analysis.</p> <p>SDD / INSET with Classroom Assistants and Teachers supporting the Learning of SEN pupils and the creation and maintenance of a digital version of the Learning Support Pack.</p> <p>Analysis of data from diagnostic and baseline testing using ICT at Departmental Meetings to inform planning and methodologies.</p> <p>Use of residual and diagnostic testing in Departmental predictions along with increased analysis of FSM / SEN.</p>	<p>Ongoing support from C2K re SIMS, especially SIMS Discover.</p> <p>EA and outreach service support re Assistive Technology.</p> <p>C2K support in the development of Pupil Performance Tracking and the traffic-lighting system.</p>	<p>Mr Breen and subject leaders – Pupil Performance Tracking and Assessment.</p> <p>Sharing of Good Practice in ICT – all staff as and when relevant.</p> <p>SEN Provision – Mrs Teague (as detailed in the SEN Action Plan).</p>	<p>Training in 2015/16 and ongoing thereafter.</p> <p>By 2016, all relevant SEN information online via SIMS.</p> <p>Sharing of Good Practice ongoing and also evidenced when appropriate as part of PRSD.</p> <p>2016/17 – updated Pupil Performance Tracking and Individualised Pupil Target Setting to include the use of PTE, PTM, internal data and the use of stanine scores.</p> <p>2016/17 onwards – review and evaluate the effectiveness of the provision of Assistive Technology.</p>
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<p>Use of ICT to promote the school and engage parents and the local community</p>	<p>Social media platforms regularly updated and engaging.</p>	<p>Establishing custom and practice around taking photographs and providing information on school events.</p>	<p>Staff member identified to manage and maintain social media and internet presence, supported by ancillary staff. This position has now reverted to the responsibility of the Vice Principal.</p>	<p>School Website Design – refresh of exiting website and integration of social media.</p>	<p>Mr Hay – Social Media and Website</p>	<p>Early 2016 – refresh and redesign of website</p>
<p>To establish a social media presence using twitter and Facebook.</p>	<p>Refresh of school website to incorporate social media streams and allow for easier updating of material.</p>	<p>Monitoring of social media popularity, reach and effectiveness along with website hits and unique visits.</p>	<p>Purchase of better quality digital camera to improve appearance of media (£200).</p>	<p>C2K support for FRONTER training.</p>	<p>Mr Hay and UICT group – development of FRONTER and SurveyMonkey</p>	<p>Ongoing – expand and develop social media presence</p>
<p>To re-design the school website to highlight social media platforms.</p>	<p>Parental access to Accelerated Reader information via Renaissance Online Portal.</p>	<p>Development of FRONTER rooms, initially as part of KS3 UICT but expanding across all curriculum areas.</p>	<p>Hosting and changes to website with School Web Design (£300).</p>	<p>PCC – continue to work with local voluntary groups to stage community events.</p>	<p>Mrs Mageean – Portaferry Community Collective</p>	<p>2016/17 – introduce and develop FRONTER rooms initially to support Exchange in KS3 UICT</p>
<p>Expand community use of school ICT resources and develop partnership with Portaferry Community Collective (PCC) in this regard</p>	<p>Develop FRONTER rooms to help deliver the Exchange component of KS3 UICT and support independent learning and study and revision at home.</p>	<p>Encouraging greater use of MySchool, particularly email as a means of communication and submission of work by pupils.</p>	<p>Cost of Text2Parents (£300)</p>	<p>IGNITE IT – community course in iPad use.</p>	<p>Provision of 25 laptops by Portaferry Community Collective to provide IT access for the school and the community. Funds raised by the PTFA and School Fund used to refurbish Rm8 to accommodate this provision.</p>	<p>October 2015 – series of community talks in the Lecture Theatre run by PCC, Portaferry Pharmacy and supported with funding accessed via SEHSCT.</p>
	<p>Continued use of Text2Parents SMS service integrated with SIMS to keep parents up to date on school events.</p>	<p>Use of FRONTER and SurveyMonkey to solicit pupil and parental views on school initiatives and in the review of School Policies.</p>	<p>Staff Training in FRONTER and SurveyMonkey to be rolled out to all teachers.</p>			<p>2016/17 and beyond – monitor usage of Rm8 ICT resource.</p>
	<p>iPads provided via Big Lottery grant (40 x iPad mini) to continue to be used for community events and intergenerational IT project. School AV facilities (state of the art Lecture Theatre) to be used with local groups and PCC.</p>	<p>Organise another iPad Training course for community members.</p>	<p>Laptop cost met by PCC. Refurbishment costs by PTFA and school fund.</p>			<p>2016 FRONTER as PRSD / Sharing of Good Practice focus. 2016/17 – onwards – increased use of VLE to support pupil learning, especially at KS4 and where appropriate for KS3 UICT.</p>
	<p>Provision of new ICT suite for school and community use.</p>	<p>Continue to make Lecture Theatre available to local community groups and businesses.</p>				<p>2016 – social media integrated with front page of school website.</p>
	<p>Increased and enhanced use of VLE (FRONTER) to support pupil learning.</p>					<p>2016/17 – investigate digital prospectus.</p>

