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| **Thematic Area** | TECHNOLOGY ENHANCED LEARNING |

**Suggested resources to support delivery:**

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| **Theme/Topic** | **Type** | **Relevance** | **Author/Source** | **Web Link** |
| Introduction | Website article | This article outlines 100 ways of using google drive in the classroom. | Teachthought | <http://www.teachthought.com/the-future-of-learning/technology/100-ways-use-google-drive-classroom/> |
| Website article | This article outlines the natural fear teachers may have with different types of technology | Doug Johnson | <http://www.educationworld.com/a_tech/columnists/johnson/johnson033.shtml> |
| Report | This report details the strategy for TEL in the FET sector in Ireland. The strategy has been developed through a consultative process with learners, and complements the *ICT*  *Strategy 2016* developed by ETBs. | Solas/ETBI | <http://www.etbi.ie/category/publications/booklets/> |
| Report  Pdf guide | This report outlines research on internet connectivity and why technology costs should not dissuade teachers from using technology in the classroom with recent web usage statistics.  This guide identifies some of the key resources that could help in a TEL approach. | by Victoria Rideout and Vikki Katz | <http://www.joanganzcooneycenter.org/publication/opportunity-for-all-technology-and-learning-in-lower-income-families/> |

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| Classroom resources | Website articles , apps & pdf guides | * Useful apps * iphone-based laser pointer that doubles as a remote control for PowerPoint and Keynote presentations — well worth it for slide-loving educators! | Itunes | <https://itunes.apple.com/us/app/smart-dot/id505932209?mt=8&ign-mpt=uo%3D8> |
| * Useful for calculating QQI Grades ( app) | Google playstore | <https://play.google.com/store/apps/details?id=com.cityjams.calculators&hl=en> |
| * Teacher Kit , app for organising classroom activities | Itunes | <https://itunes.apple.com/ie/app/teacherpal/id389584618?mt=8&ign-mpt=uo%3D8> |
| * Note taking utility , Webapp (mutiplatform) | Evernote | <https://evernote.com/?var=c> |
| * Cloud storage for sharing class notes | Dropbox | <https://www.dropbox.com/> |
| * Cloud training and storage for sharing class notes | Google | <https://www.google.com/drive/> |
| * Training site for cloud storage for * backup / sharing class notes * These websites have resources that offer an overview of technology tools from the point of view of teachers in further education | Microsoft virtual  academy | <https://mva.microsoft.com/en-US/training-courses/dive-deep-into-networking-storage-and-disaster-recovery-scenarios-8901?l=mYCsgEB3_9004984382> |
| Classroom resources | Websites | * Google classroom | Google | <https://classroom.google.com/u/0/> |
| Full suite of tools for classroom resources assignment setting and submission, free to all education institutions.  Server hosting provided by google for free. Only works with gmail accounts. | educationworld.com | <http://www.educationworld.com/a_news/updates-google-classroom-expeditions-receive-rave-reviews-540101138> |
| Good article on getting the most from google classroom | Teachthought.com | <http://www.teachthought.com/the-future-of-learning/technology/60-smarter-ways-to-use-google-classroom/> |
| Productivity tools | Website | Full suite of tools for classroom resources assignment setting and submission, freeware to all education institutions.  Server hosting is needed with central administrator to set up teacher accounts. | **Moodle** | <https://en.wikipedia.org/wiki/Moodle> |
| Exploration in the classroom | Virtual Reality tours | Google expeditions  Full list of expeditions for classroom based exploration, free to all education institutions. Only works with google cardboard. (from 4euro) | App from playstore | <https://play.google.com/store/apps/details?id=com.google.vr.expeditions&hl=en> |
| Skills | Website | This guide is designed to support learners who want to practice and improve their problem-solving skills. It includes various problem-solving techniques, activities and worksheets | Government of Canada | <http://www.esdc.gc.ca/en/essential_skills/tools/problem_solved_employees_learners.page> |
| App/ Web resources | Website | Good resource for sharing and searching relevant course material | Slide share | <http://www.slideshare.net> |
| Presentations | Good app for setting reminders and searching relevant course material | Itunes | <https://itunes.apple.com/ie/app/re.minder/id395529341?mt=8&ign-mpt=uo%3D8> |
| Notes review | Website article  pdf Guides | Save pages from useful websites and blogs you encounter for offline viewing and reading with this great timesaver | Playstore | <https://play.google.com/store/apps/details?id=com.instapaper.android&hl=en> |
| Classroom resources | Website & resources | This resource will help teachers store notes and online resources for classroom delivery. | Playstore | <https://play.google.com/store/apps/details?id=com.dataviz.docstogo&hl=en> |
| Websites/app | This resource will help teachers create flashcards for classroom revision exercises and course delivery. | Playstore | [https://itunes.apple.com/us/app/flashcards\*/id403199818?mt=8&ign-mpt=uo%3D8](https://itunes.apple.com/us/app/flashcards*/id403199818?mt=8&ign-mpt=uo%3D8) |
| Websites/app | This resource will help teachers annotate text/assignments for classroom revision exercises making it an ideal tool for grading student projects. | Itunes | <https://itunes.apple.com/us/app/iannotate-pdf/id363998953?mt=8&ign-mpt=uo%3D8> |
| Websites | This resource will help teachers flip the classroom for student centred exercises making it an ideal tool for student interaction. | Teachthought.com | <http://teachthought.com/learning/blended-flipped-learning/54-flipped-classroom-tools-teachers-students/> |
| Websites | This article will help teachers in reflect on where we are going with technology, making it an ideal source for critical thinking exercises. | Teachthought.com | <http://teachthought.com/the-future-of-learning/things-that-will-disappear-from-classrooms-in-the-next-12-years/> |

**Useful resources**

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| **Name** | **Author** | **Publisher** |
| The leadership challenge | Wiley publishing | <https://itunes.apple.com/us/app/the-leadership-challenge-mobile/id485416164?mt=8&ign-mpt=uo%3D8> |
| Discover and share books you love on Goodreads, the world's largest site for readers and book recommendations! | Good reads | <https://itunes.apple.com/us/app/goodreads/id355833469?mt=8&ign-mpt=uo%3D8> |
| Accessing Wikipedia has never been faster and easier than with Wikipanion, designed for easy, search, navigation and display of Wikipedia entries. Streamline your browsing with history grouped by visit date, and bookmarking that not only bookmarks individual entries, but individual sections within an entry. | wikipanion | <https://itunes.apple.com/app/wikipanion/id288349436?mt=8&ign-mpt=uo%3D8> |
| Discover and share videos on various useful tasks | howcast | <http://www.howcast.com/> |
| Graphing app for maths work | Play store | <https://play.google.com/store/apps/details?id=com.algeo.algeo&hl=en> |
| Good research site for classwork | itunes | <https://itunes.apple.com/us/app/2012-world-factbook/id307337503?mt=8&ign-mpt=uo%3D8> |
| Video tool for classroom videos | itunes | <https://itunes.apple.com/ie/app/explain-everything-classic/id431493086?mt=8&ign-mpt=uo%3D4> |
| Twitter | Twitter app | <https://play.google.com/store/apps/details?id=com.twitter.android&hl=en> |
| Linkedin | App | <https://play.google.com/store/apps/details?id=com.linkedin.android&hl=en> |

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| **Name** | **Author** | **Publisher** |
| Wolfram alpha: With Wolfram|Alpha on your iPhone or iPod touch, you can explore a vast world of knowledge through an app adapted for your ever-changing, on-the-go lifestyle. Use Wolfram|Alpha to discover new information about the world and to deliver expert knowledge into any facet of your mobile life. | Itunes | <http://products.wolframalpha.com/iphone/> |
| “The underlying principle of the Padagogy Wheel is that it is the pedagogy that should determine our educational use of apps. It’s all very well to come across an exciting new app and to think to yourself, ‘That’s really cool, now how can I use it in the classroom?’, but what you need to do at the same time is to think about how that app might contribute to your set of educational aims for the program you are teaching.. That led to the birth of the Padagogy Wheel.” | Allan Carrington | <http://teachthought.com/critical-thinking/blooms-taxonomy/the-padagogy-wheel/> |
| Inspiration | TED | <https://play.google.com/store/apps/details?id=com.ted.android&hl=en> |
| Google earth, great for classroom discussion | google | <https://play.google.com/store/apps/details?id=com.google.earth&hl=en> |
| Great tool for classroom quiz making and feedback | eclicker | <https://eclicker.desk.com/> |
| Nice tool for classroom recording | Voice recorder | <https://play.google.com/store/apps/details?id=com.tokasiki.android.voicerecorder&hl=en> |
| Instagram | instagram app | <https://itunes.apple.com/us/app/instagram/id389801252?mt=8&ign-mpt=uo%3D2> |
| Facebook | Facebook app | <https://itunes.apple.com/us/app/facebook/id284882215?mt=8&ign-mpt=uo%3D2> |

**Other resources**

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| **Name** | **Contact Information** |
| Edmodo | <https://play.google.com/store/apps/details?id=com.fusionprojects.edmodo> |
| Skillshare | <https://www.skillshare.com> |
| FETAC Resources | <http://www.fetacresources.com/fetacresources/> |

**Useful Organisations:**

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| **Name** | **Contact Information** |
| National Council for Curriculum and Assessment (NCCA) | [www.ncca.ie](http://www.ncca.ie) |
| Quality and Qualifications Ireland (QQI) | <http://www.qqi.ie/> |
| Further Education Support Service (FESS) | [www.fess.ie](http://www.fess.ie) |
| Scoil Net | [www.scoilnet.ie](http://www.scoilnet.ie) |
| Teachers CPD | <http://teachercpd.ie/> |

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| **MOOCs (Massive Online Open Courses)** | |
| Free access to online courses  Search regularly for new courses and new start dates  Online courses delivered mainly by Universities and Colleges worldwide.  Useful to search regularly for new courses and new start dates. Most courses are free. Charge often applies if assessment and certification is required.  Provide excellent CPD for individuals or resources that can support teaching and learning. | What is a MOOC?  <https://www.youtube.com/watch?v=eW3gMGqcZQc> |
| Providers of MOOCs  e.g.  <https://www.mooc-list.com/> |
| <https://www.coursera.org/> |
| <https://www.udemy.com/> |
| <https://alison.com/> |
| <https://www.canvas.net/> |
| <http://www.lynda.com/> |
| <http://www.open.edu/> |
| <http://www.extension.harvard.edu/open-learning-initiative> |
| <http://oyc.yale.edu/> |