

ICT in the Classroom - PDST Technology in Education (formerly NCTE)

ICT and Assessment (Primary)

Ref: 13-08

Introduction

The purpose of this document is to provide an overview of some of the ways in which ICT can be used to support assessment in the classroom. Please note that the PDFs associated with different forms of technology each describe how that technology specifically can be used to support assessment.

Using the ICT to Support Assessment

Self Assessment

- Replaying a recorded video of pupils' work or pupils working together.
- Pupils use digital recorders to record their reading and listen back to this.
- Showing class work or individual work using the IWB and/or visualiser.

Conferencing

Weekly assessment through Skype

- Five questions to ask first class.
- Show samples of work.
- Maths challenges to other classes.
- Rhyming Games to other classes.

Portfolio Assessment

- Electronic samples of work can be shown to whole class.
- Allow pupils to take photos of their own work using digital camera.
- Allow pupils to record reading/interviewing etc and save file for assessment purposes.
- Show pictures of work.
- Show demonstrations of good behaviour.

Concept Mapping

- Capture pupils' knowledge on a mind map on the whiteboard page before starting a topic and save. Repeat after lesson and compare the two.
- Use mind maps of pupils' prior knowledge as true/false activities later in the year. Can they identify what is true or false?
- Use Google Drawing to capture a concept map of a particular topic and allow pupils to work in a group to edit it.

Questioning

- Develop IWB resource with instant feedback i.e. smiley face, sad face etc.

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- Ask pupils to design a Google Form to capture information from the class/school or wider audience.
 - Ask pupils to design a class test using Google Forms.

Teacher Observation

- IWB based activities.
- Social interaction.
- Group cooperation.
- Listening back to digital recordings.

Teacher Designed tasks and tests

There is a wealth of tasks described throughout the ICT courses. These are only the tip of the iceberg.

- ICT created worksheets.
- Tasks on the IWB – created and modified for specific classes.

Videos

Please take some time to watch some examples of where teachers are using the interactive whiteboard and other technologies to support assessment.

- Using computers for language learning
<http://www.ncte.ie/GoodPractice/Videos/Primary/#21243>

Useful Links

- NCCA Assessment toolkit including examples of ICT for assessment
www.action.ncca.ie
- Sample e-portfolio
http://www.ncca.ie/en/Curriculum_and_Assessment/Inclusion/Special_Educational_Needs/Level_2_Toolkit/Sample_eportfolio/
- Assessment and ICT
<http://www.shambles.net/pages/staff/Assesst/>