

# TEACHER LED INNOVATION PROJECT

Project staff brainstorming - 10th March 2016

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In response to student brainstorms about how to use technology to improve their learning, teaching staff came up with the following.

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As teaching staff begin to embark on this project journey with the students, we asked them to begin considering simple and easy ways to integrate technology into their classroom activities and the learning of students.

Emphasis has been placed on technology not DOING the learning but rather affecting HOW the students learn, also AIDING and allowing them to SHOW their learning.

Here is what resulted from the five sessions. Ideas have been collated according to subject areas.

## ART

| Important skill needed                                                            | Ingraining that skill presently                                                                                          | Ways technology could be used to do this                                                                                |
|-----------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|
| Mixing and blending paint                                                         | Practice in class                                                                                                        | Use YouTube and download clips of artists mixing and blending paint.                                                    |
| Drawing from second hand sources - simplifying photographs to make drawing easier | Using Photoshop filters to simplify images. Then use grids/tracing to make drawing accurately easier.                    | Lots of photoshop YouTube clips to help learn Photoshop skills.                                                         |
| Developing ideas                                                                  | Looking at artist models and analysing work to break artworks down to then borrow and steal elements to use in own work. | Google searching to find RELEVANT exemplars to work from. Access to resources banked by teacher prior to this learning. |
| Observation drawing and toning                                                    |                                                                                                                          | Film their own drawing. Photograph their work and upload to blog.                                                       |

## MATHS

| Important skill needed                                                  | Ingraining that skill presently                                                           | Ways technology could be used to do this                |
|-------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|---------------------------------------------------------|
| Learning times tables                                                   |                                                                                           | Youtube clips of students singing/rapping/slaming them. |
| Converting units -<br>Fractions to decimals<br>Fractions to percentages | Practice questions on the board.<br>Using fraction key on the calculator to help.         | Use the Plymouth Maths website to practice.             |
| Using calculator buttons -<br>Square, brackets, fraction etc            | Worksheets<br>Crossnumber puzzles<br>Word puzzles                                         | Source Youtube clips                                    |
| Rounding to decimal places                                              | Teach concept.<br>Understand round-up if number is greater than 5.<br>Practice exercises. | Maths games available on TGC<br>Maths weebly.           |

## COMPUTING

| Important skill needed   | Ingraining that skill presently                                                           | Ways technology could be used to do this                                       |
|--------------------------|-------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------|
| Terminology and concepts | Glossary given.<br>Practical skills<br>Screen recording<br>Movies/audio<br>Video tutorial | Storyboards.<br>Show step-by-step instructions (how they did it, movies/audio) |