**Overview**

During 2007 we (Bettws High School) began to consider a skills based KS3 – precipitated in part by being a pilot school for the 2008 National Curriculum changes.

Our existing, conceptual SOW was rewritten into discrete projects covering Year 7 and Year 8. These projects focused on skills over scientific content.

At the same time, the school geared up to teach mostly BTEC L2 and L3 science.

During 2007-2012 our KS3 results rose from 50% L5+ and 32% C+ to 90% L5+ and 80% C+.

On paper, and for the learners in those cohorts – great stuff.

But over the past two / three years we have anticipated and no acknowledge that the focus on skills and undermined the core scientific knowledge of our learners.

Time is right to start the process to completely rebuild / reboot the KS3 process, taking the best lessons learned from project based learning, skills curricula and traditional three science conceptual learning – it’s time to weave a different, web2.0 enabled, solo taxonomy aware and flipped classroom friendly KS3 for Science.