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Science Lead School
GCSE / 2015 PISA Project



Tuag at Ragoriaeth Towards Excellence



The story so far...

- Schools signed up to different exam boards for GCSE Science
- Popularity of BTEC grows year on year
 - QCF BTEC delivered for final time
(students commencing courses Sept 2014)
- Modularised structure allowing ease of movement between qualifications
- Restrictions to resitting
- Variety of approaches to controlled assessment depending on board



The future...

- Reporting Sept 2017
 - NQF BTEC available for final time
 - “Capped 9” points score requires 2 science qualifications
- Reporting Sept 2018
 - BTEC not available
 - All Schools to study from WJEC GCSE Science suite
 - “Capped 9” points score requires 2 GCSE Science qualifications



WJEC GCSE Proposal

- Available Science Qualifications
 - Double Award Science (10% CA)
 - Double Award Applied Science (30% CA)
 - Separate Science - Chemistry, Physics, Biology (10% CA)
 - Single Award Science (?)
- Y10 and Y11 Assessments – with one resit opportunity
- Tiered as currently
- Specified Practical Work
- Welsh Perspective
- Assessment of Literacy



Challenges

- Literacy demand
- Specified Practical Work
- Scientific Literacy
- Improving Pedagogy
- Resourcing New Specification
- PISA



What is the role of the Science Lead School?

To **support** schools in the transition of GCSE specifications and PISA tests through the provision of exemplar resources, workshops and individualised support.

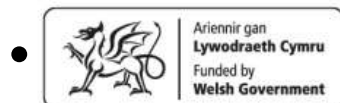
This will be done by **facilitating** a culture of sharing of best practice and focussing on improving pedagogy in the classroom.

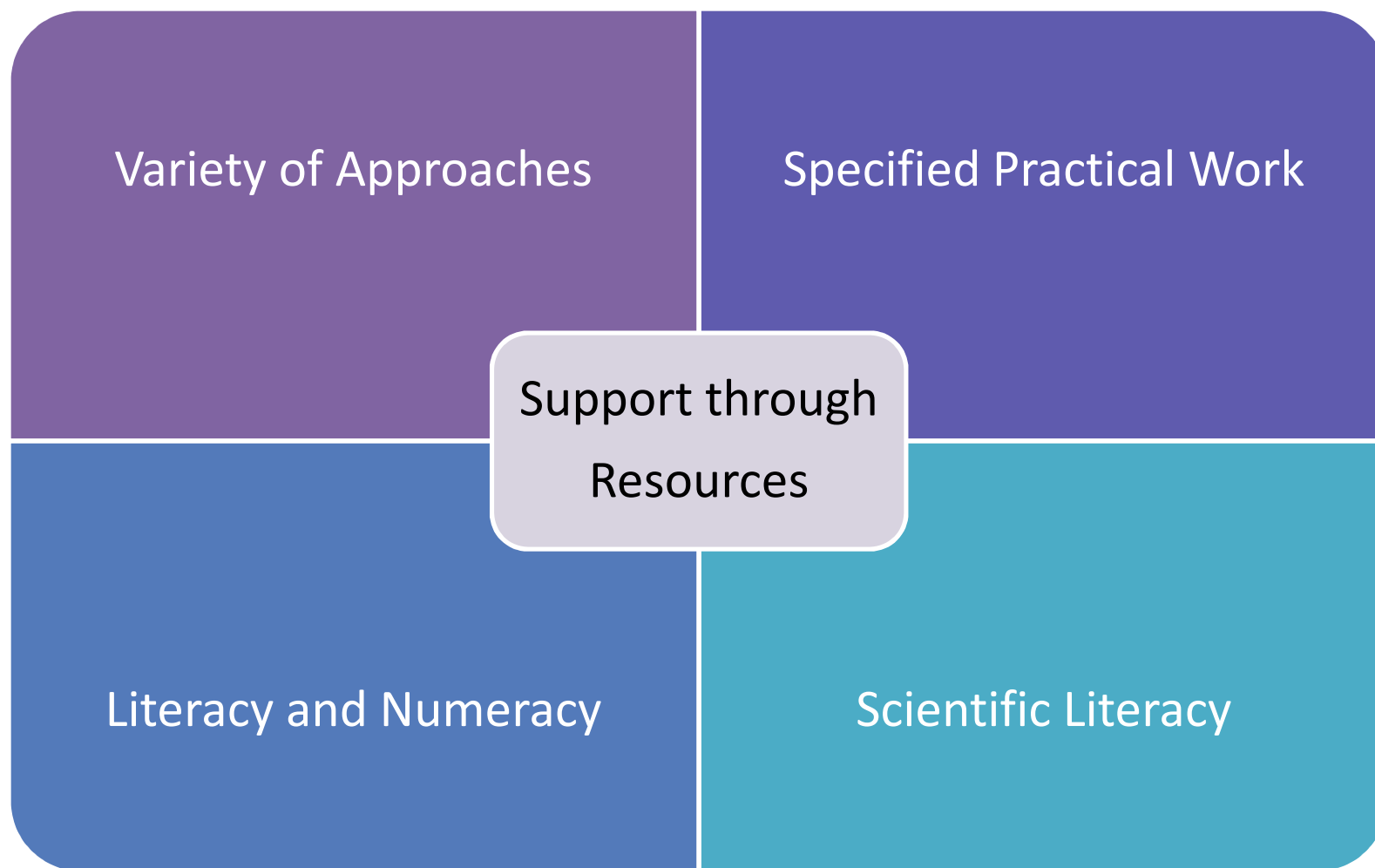
Resulting in learners who are better equipped to face the challenge of future employability and improving the economic future of the region.



Support through Workshops

- Sub-regional
 - Flintshire/Wrexham, Conwy/Denbighshire, Gwynedd/Mon
 - First Sub-regional workshop October 2015
- County Forums
- Focus on...
 - Pedagogy
 - Sharing best practice
 - Demonstrating resources
 - Developing understanding of Scientific Literacy
 - Delivery of new syllabus
 - Collaboration







Support – Individualised

- Bringing together groups of teachers to focus on a shared training need
- Recorded Lessons (via IRIS)
- Mutual Lesson Observations
- Supporting less experienced teachers



Accessing Support

- New Website
- Email - andrew.rees@alun.flintshire.sch.uk
- Email Updates
- Invites to workshops