 Welsh Baccalaureate Scheme of Learning-Advanced

This Scheme of Learning has been designed to be used by teachers and tutors delivering the Welsh Baccalaureate Individual Project from September 2015.

**Numeracy 1: Research methods (Numeracy 3 Scheme – focus on Primary Research methods: questionnaire, interview, observation)**

| Learning Activity | Skills Developed | Resources | Differentiation | LO/Assessment |
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| Introduction  Terms:   * Primary and Secondary Research Methods * Qualitive and quantitive data   (**Teacher**-led discussion)  What do these terms mean?  **Learners** to categorise research methods into primary and secondary | Research methods  Numeracy | Lesson 1 Slides  Lesson 1 Student sheet (Including card sort activity) | By outcome and grouping of students | LO4  LO2  LO3 |
| **Secondary research**  Learner-based activity  Task – brainstorm secondary research resources they have used before (perhaps at KS4, and discuss advantages and disadvantages. | Research methods  Numeracy  Literacy- oracy | Teacher lead slide  Student activity sheet  Market stall activity covering:   * Textbooks * Journals * Magazines * Websites * Reports * Films/Documentary * Newspaper | By grouping | LO3  LO2  LO4 |
| Learning Activity | Skills Developed | Resources | Differentiation | LO/Assessment |
| Visit to library/learning centre to see what resources are there on possible subjects. |  | Study Centre staff support  Possible presentation by Study Centre Staff on resources on the school/college intranet on social issues and guidance on research skills |  |  |
| (Teacher-led discussion)  Methods of recording data you collect:   * Spreadsheet (numerical data) * Diary – paper based or computer * Bibliography – web-based or paperbased | Digital literacy  Research methods  Numeracy | Teacher slides  Computers to trial web-based referencing tool  Computers to look at online based diary and primary diary | Outcome | LO2  LO3  LO4 |
| (Teacher-led discussion)  To review files and folders on computer and safe storing of data on the computer. | Digital literacy  Research methods | Teacher slides  Computers for Excel activity Computer to tidy user area | Outcome | LO3  LO4 |