 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 |
| --- | --- | --- | --- | --- |
| IntroductionTerms: * 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 SlidesLesson 1 Student sheet (Including card sort activity) | By outcome and grouping of students | LO4LO2LO3 |
| **Secondary research**Learner-based activityTask – brainstorm secondary research resources they have used before (perhaps at KS4, and discuss advantages and disadvantages. | Research methods NumeracyLiteracy- oracy | Teacher lead slideStudent activity sheetMarket stall activity covering:* Textbooks
* Journals
* Magazines
* Websites
* Reports
* Films/Documentary
* Newspaper
 | By grouping | LO3LO2LO4 |
| 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 supportPossible 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 literacyResearch methods Numeracy | Teacher slidesComputers to trial web-based referencing toolComputers to look at online based diary and primary diary | Outcome | LO2LO3LO4 |
| (Teacher-led discussion)To review files and folders on computer and safe storing of data on the computer. | Digital literacyResearch methods  | Teacher slidesComputers for Excel activity Computer to tidy user area | Outcome | LO3LO4 |