



WELSH BACCALAUREATE

Advanced

Enterprise and
Employability Challenge
CiTB
Design your own World



Available for assessment from September 2015

Design your own World

PURPOSE

The purpose of the Enterprise and Employability Challenge is to develop learners' skills, whilst providing opportunities for learners to develop enterprising skills and attributes and enhance employability in the context of their Learning Programme. During the Enterprise and Employability Challenge learners will explicitly develop skills in **Numeracy, Digital Literacy, Creativity and Innovation** and **Personal Effectiveness** and apply them in an appropriate manner.

BRIEF

Deciding on your future can be a daunting aspect. The construction industry is extremely competitive so it is vital that you choose a career pathway that utilises your strengths. You need to consider what you really want to achieve in a career without being influenced by others. When it comes to identifying the right pathway to a career, there is much preparation to do and many decisions to be made. The job market can be a competitive place and you need to stand out from other candidates. In preparation to apply and secure a job, you will need to gain a clear understanding of what is involved and know how to promote yourself so that you impress potential employers. You will learn the importance of networking and the power of social media when it comes to building a professional profile.



Experiencing an innovation venture focused on your future career aspirations, provides an opportunity to develop and demonstrate a wide range of skills, qualities and attributes.

In construction, before a developer buys a piece of land they will carry out detailed investigation as to what the best use of the land. This could include houses (residential), shops (retail), schools (education), swimming pools (leisure), prisons (law and order), factory's (industry) or a mixture of uses. The developer will need to consider a number of factors that will affect if they buy the land and what will be developed on it.

You are required to form a project team (3 – 6 members). The team will identify a potential site in or near your town and consider the potential commercial and community usages considering aspects such as sustainability, environmental, social and economic issues.

The team must produce a sustainable **Innovation Proposal**, to include the design and



feasibility of the development, utilising a variety of packages such as Computer Aided Design (CAD), Sketch Up, Excel. Your proposed scheme design should be presented through mediums such as CAD, drawings or physical models and should consider the best use of the site, profitability, and the needs of the local community, the environmental impact.

You will need to identify, reflect on and develop the skills, attributes and experiences necessary for your chosen destination. You will also need to take into account additional factors such as the job market, recruitment procedures, your lifestyle expectations and the part played by managing personal finances in pursuit of your chosen destination.

By creating a digital **Destination Passport** you will be able to gather and showcase the skills, attributes, experiences and qualifications higher education and employers are looking for. By focusing on your future ambitions you can tailor the Destination Passport to match your career aspirations.

Resources

- Costing:
 - . <http://www.sponpress.com/pricebooks/series/>
 - . <http://www.routledge.com/books/details/9780419236801/>
 - . Spon's Architects' and Builders' Price Book 2015 (Spons Price Books 2015)
 - . http://www.designingbuildings.co.uk/wiki/Construction_management:_project_brief
 - . Construction Management Design brief: http://www.designingbuildings.co.uk/wiki/Construction_management:_project_brief
- The Unitary Development Plan (UDP) is a statutory document, which indicates what every piece of land within a Borough can be used for. It will highlight any potential development sites.
 - . Example of Bridgend County Borough Councils UDP. All councils will have this information readily available on their websites: <http://www.bridgend.gov.uk/BCBCUDP/english/maps/maps.htm>

Contacts

Emrys.Roberts@citb.co.uk