



Baccalaureate Support Event

Proposal and Plan

Exemplar 4 - Science

16/12/10 20/1/10.

Science: Interdisciplinary Project

Proposal

Candidate name										
SCN										
Centre name										
Assessor name										
Project title	An investigation into alcohol consumption of pregnant women and the effect on their unborn children, in particular the investigating foetal alcohol syndrome.									
Project outline (what it is I want to do and how will I go about it) I hope to investigate the effect on alcohol on a foetus and in particular to investigate foetal alcohol syndrome. I will do this by contacting various medical personnel at the family planning clinic in Glasgow and by interviewing pregnant females about their alcohol consumption.										
Reasons for choosing this project (eg personal interest, future plans, links to other subjects I am studying/ have studied) I have chosen this project for a number of reasons. Primarily because I hope to study medicine and also I enjoyed this topic last year in Higher Human Biology when I studied embryological biology.										
The broad contexts this project will cover are <div style="display: flex; flex-wrap: wrap;"> <div style="width: 33%;"><input type="checkbox"/> <u>Citizenship</u></div> <div style="width: 33%;"><input type="checkbox"/> Enterprise</div> <div style="width: 33%;"><input type="checkbox"/> Employability</div> <div style="width: 33%;"><input type="checkbox"/> <u>Economic development</u></div> <div style="width: 33%;"><input type="checkbox"/> Sustainable development</div> </div> <p>I feel this topic covers the area of citizenship as I will hopefully give pregnant women more information about the effects of their alcohol consumption on their unborn children.</p> <p>I also feel that this topic covers the area of economic development as it aims to reduce the number of children born with foetal alcohol syndrome by giving mothers a better education about the risks involved with drinking while pregnant.</p>										
Learning environments I will access are I will use the internet, library facilities at Caledonian University, network with professionals and VLE.										

I will improve my analytical skills by compiling and evaluating the results from my questionnaire.

Interpersonal skills – negotiation and collaboration.

I will network with a range of people to gain knowledge and I will collaborate with a variety of people to get the best results possible.

Planning: time, resource and information management

I will create a clear and concise plan that is both realistic and that is manageable. I will also collate information from various sources to ensure reliability of the results.

Independent learning – autonomy and challenge in own learning.

I will take responsibility for my own progress and when necessary ask for help to allow me to work better as an individual.

Problem solving – critical thinking: logical and creative approaches.

I will continually review my progress and think of possible problems and set backs and try to have contingency plans in place.

Presentation skills.

I will try to think of creative ways that I am able to present my project.

Self evaluation – recognition of own skills development and future areas for development.

I will continually assess my own strengths and weaknesses and try to improve upon them to improve my skills.

Assessor comments

Your project is now achievable and fits the project requirements.

Your title is clear and concise.

You have included possible methods to collect data.

This gives a range of learning environments. You have correctly justified your reasons for choosing this topic.

Your project proposal demonstrates good links across subject areas.

You have developed a project proposal that clearly sits within the citizenship and economic development contexts and you have correctly justified this.

You have considered the cognitive and generic skills essential to this project.

You should carry out an initial skills evaluation to allow you to review improvements in skills.

Your proposal is now approved. However there are still some concerns about the range of the project.

Proposal approved	yes	Further work required	no
Candidate signature	Date		20/1/10
Assessor signature	Date		20/1/10.

27/1/10.

Science: Interdisciplinary Project**Plan**

Candidate name									
SCN									
Centre name	Caledonian University								
Assessor name									
Project title	An investigation into alcohol consumption of pregnant women and the effect on their unborn children, in particular the investigating foetal alcohol syndrome.								
<p>Is this a group project? yes <input type="checkbox"/> <u>no</u> <input type="checkbox"/></p> <p>If a group project, what will your role or responsibilities be?</p>									
<p>Timescales (start, finish and milestones) Start: January 18th 2010 Contact pregnancy clinics: January 19th 2010 Caledonian University Library Trip: January 23rd 2010 Compile Survey: January 22nd 2010 Survey mothers: January 25th 2010 Compile Research: February 1st 2010 Plan Content of poster presentation: February 1st 2010 Compile Poster Presentation: February 10th 2010</p>									
<p>Planning – state how you are going to meet the agreed objectives of your project</p> <p>Use my diary to note down tasks and deadlines. Meet deadlines by ensuring enough time to complete the task. Agree contingency plans before starting the project to prevent any potential problems. Analyse problems and seek help and try to problem solve to fix them.</p>									
<p>Resources (people, materials, places)</p> <p>-Medical Personnel -Caledonian University -Public Health Advisors -Family Planning Clinic</p>									

Presentation

- **Who do I think will benefit from listening/reading/looking at my presentation of my project findings/product?**

I believe that pregnant mothers will find this interesting, as it will hopefully demonstrate to them the implications of their drinking habits and the effects that it is having on their children.

- **What methods are appropriate to the audience (for example demonstration, presentation software, websites, oral, report, piece of theatre, dvd, wiki/blog or any combination)**

I believe that this would be best reported to the intended recipients in poster form which would allow it to be displayed in public areas to raise awareness of Fetal Alcohol Syndrome. Compiling my findings into poster form also makes it easily accessible to mothers from many different socio-economic backgrounds.

Dependencies (what is required for your project to go ahead ie reliance on other people or resources, steps in plan that must be completed before starting the next step)

I must collate some background research on my topic before I can progress any further and try to contact the Family Planning Clinic to hopefully allow me to conduct interviews in their reception.

Contingencies

Any anticipated problems?

There may be problems in contacting medical personnel and agreeing on a meeting time to interview them.

My plans for overcoming the anticipated problems.

To be flexible and able to meet them whenever it is possible to get a moment of their time. Also to hopefully have back up's e.g. other people in place to speak to if not possible to speak communicate with the original contacts.

Method for recording own skills development and future areas for improvement

I will complete self-evaluations and will keep an up to date log of my progress as I am completing the project.

Assessor comments

Plan approved		Further work required	
Candidate signature	Date		27/1/10
Assessor signature	Date		27/1/10.