



**BRAEMAR  
COLLEGE**

**Year 9 School Based**

# **Independent Research Project**



**SUSTAINABILITY**

## INTRODUCTION

One of the underlying themes of the Year 9 curriculum during the year is to develop an understanding and embrace the concept of *Sustainability*. Your task is to formulate a plan of research and produce a piece of work that reflects an understanding of sustainability in your eyes and for your future. You will have planning and research sessions at school during Semester 1 and as an alternate schooling week. There will also be an excursion for each class during the week. Finally you will be presented with your fellow students to parents and staff at the Year 9 Presentation evening where all students are expected to come along to this evening to present their work to the parents.

You should use this opportunity to demonstrate your talents and interests with the task that you select. The examples are suggestions only and you may formulate your own task but all tasks will need to be submitted and signed off by your L.C.L teacher by the stated date.

You will have time to complete this task so you will need to outline your research, planning and progress carefully. The planning, research process and your time management is a major part of the overall assessment. This is an individual task only.

Please save this into iBook's so you can easily refer back to it.

This task also appears on your Semester 1 LCL report, and a given a grade on both your planning, organisation and also completion of your project.

## STUDENT GUIDELINES

- ❖ All projects are to be individual only.
- ❖ This is a large task, so take the time to read this document carefully and speak to your teacher if you have any questions.
- ❖ Timeline as set out is to be strictly adhered to and any questions or concerns will need to be discussed with your LCL or year level leader.
- ❖ All projects must complete the planning information and be submitted for approval before or on the specified date.
- ❖ For all sessions allocated you must bring iPad and record all organisation, planning and progress details as you go. The work associated with the booklet is part of your assessment and must be handed in with your finished project.
- ❖ **Your booklet is to be completed on your iPad, however a printed copy presented at the completion. It is expected that you will save several copies of this and take measures to ensure you work is not lost.**
- ❖ Use PAGES as the method of recording your research and planning is expected.
- ❖ You will be using normal timetabled rooms unless informed otherwise.
- ❖ There are several parts to this task, so plan your time well in both the planning and completion phases.
- ❖ Your IRP (individual research project) appears on your report and is an assessment task
- ❖ Ensure that your report is detailed, in order and labelled under the sub headings clearly. All responses are to be written in full sentences and clearly demonstrate your understanding of this task.

## Independent Research Project

### Part A. Introduction & Research

Watch the introductory PowerPoint and as you see the images on the screen, think what does this mean to me? How does it make me feel? How is this related to sustainability? What does the term sustainability really mean? Some instructions and guidelines will be given about the project, now is the time to ask lots of questions.

**Start a document in pages that will be submitted with your project as part of the overall assessment, and answer the following questions in detailed response, written in full sentences**

1. What does the term sustainability mean to you?
2. Research and come up with 3 different definitions of sustainability (list sites that you found the information)
3. Sustainability can be looked at from different perspectives. In a group brainstorm all the ideas you have about different types of sustainability might be and record these on a page.
4. Using the internet, research the following types of sustainability: economic, social, environmental and cultural sustainability. Define all 4 types of sustainability (list sites where you found the information) and include examples to show your understanding along with an explanation of each of the types of the different sustainability types.
5. You will be shown 2 clips on sustainability cities and their approaches. Complete the following answers in detail
  - What is the project?
  - What country is it in?
  - What does the project involve?
  - What type(s) of sustainability does it involve?
  - Will it be sustainable for a long time, why or why not?
  - What is the same and what is different within the clips? Explain in detail.
6. Research and investigate an Australian person OR organisation and find out the following:
  - What country are they from?
  - What type/s of sustainability do they represent?
  - Describe the projects or activities they are involved with and how they make a difference to individuals and communities.
  - How do they relate to sustainability?
  - Why did you select these people/organisations over others?

## Part B. Researching your Project

1. Create a table and list as many ideas as you can think of under each of the headings that could be investigated for your project

Environment	Social	Cultural	Economic
Eg. Recycling <ul style="list-style-type: none"> <li>▪ Wind power</li> <li>▪ composting</li> </ul>	Eg. Poverty <ul style="list-style-type: none"> <li>▪ Homelessness</li> <li>▪ Sweat shops</li> </ul>	Eg. Indigenous <ul style="list-style-type: none"> <li>▪ Dream time art</li> <li>▪ Foods</li> <li>▪ Dance</li> </ul>	Eg. Micro financing projects, <ul style="list-style-type: none"> <li>▪ Grameen bank</li> <li>▪ Sweat shops</li> </ul>

2. Look at the project presentation ideas below. The following are some suggestions on ways you could present your project. These are suggestions only and you can present it in any form you want. Use your imagination, the options are endless, be creative and innovative. How can you present your project in a unique fashion that will stand out in the crowd and be different to everyone else? Go with your passions, strengths and interests and find a way to use these in your presentation. What are the 3 methods you are going to present? You will not have to complete these, just show what ideas you might have considered along the way. Also this is a good time to try something new!

- |  |   |  |
|--|---|--|
| ✓ Children's book,                     | ✓ Create a book of poems,                         | ✓ Photography display,   |
| ✓ Pod cast,                            | ✓ Conduct a survey and write a report of results, | ✓ Textiles- create clothes, patchwork quilt, toys, fashion parade, |
| ✓ Power point,                         | ✓ Pamphlet,                                       | ✓ Scrap booking,   |
| ✓ Web page,                            | ✓ Booklet,  | ✓ Series of posters,   |
| ✓ Script for a movie or play,          | ✓ Science experiment,                             | ✓ Models,  |
| ✓ Video/movie,                         | ✓ Written report,                                 | ✓ Combination of several of the above                              |
| ✓ Create an advertisement/infomercial, | ✓ Cartoons,                                       | ✓ Anything else you can think of ....                              |
| ✓ Write a song/music,                  | ✓ Art-painting or sketch,                         |  |

3. Now use all the information from the past sessions to come up with 5 **possible projects** you could complete for the project and the mode in which you could present them. One of the criteria for this project is that you are to make the project as sustainable as possible in that you are to use materials already available, not new materials. When thinking about topics you need to keep this in mind, is my project sustainable in all aspects of sustainability? You will also be required to bring the materials, and they too should be sustainable.

**“Apathy can be overcome by enthusiasm, and enthusiasm can only be aroused by two things: first, an ideal, which takes the imagination by storm, and second, a definite intelligible plan for carrying that ideal into practice.” Arnold Toynbee**

## Part C. Your Sustainability Project

Choose one of your ideas and the planning begins! Remember all aspects of the project are part of the assessment, especially a clear plan on how to accomplish your project. This section is to be completed on a separate page and emailed to your RUMAD teacher for approval.

For purposes of approval, you will need to complete the following sections **FOR ALL OF YOUR IRP ideas**, please include question 1 - 4 very clearly on the page. **You can NOT start before this.**

1. **Your name and class.**
2. **Name of the project** and how it will be presented, eg Poverty in Australia- a photo journal
3. **What aspect of sustainability** this project is focusing on.
4. **Clear description of what the project involves.** You need to describe what you think the final product will be and how you hope to achieve this, eg Poverty in Australia - I hope to investigate the amount of poverty in Australia and causes, and also what programs are out there helping to assist this problem. This will be done by creating a photo journal. You could use diagrams, pictures, story board etc to complete this part.
5. **Materials required** – a detailed list of equipment and material you will require to complete your project. Some materials will be provided by the College like paper, glues, paint etc so create a list in detail of what you will need so that when completing ordering for basic needs we can order correct amounts. Therefore list not only what you need but quantity as well. List all resources required including specialist room like music. Remember this project must be sustainable in itself as much as possible.

Materials I need to provide	Extra resources

6. **Planning timeline.** Once you have researched your topic you need to plan what you are aiming to complete each day of the week. Be as detailed as possible for each day. City week alternate week sessions are for creating the project, all your research will have been completed in Term 2. During the alternate school week program, you will have 3 periods each day to work on your project. Your plan might change during the week, this is okay as it is part of the process but you need to have a detailed starting plan. Your project needs to be detailed enough to fill the whole week. You will need to plan your time to write your 2 page essay about your project and submit your whole project

## PLANNING TIMELINE

Project Sessions	Details of each session, what I aim to achieve
Monday	
Tuesday	
Wednesday	
Thursday	
Friday	

7. **Reflective Essay.** Once you have completed your Independent Research Project, in approximately 1 page, you are to write a report that shows your understanding of sustainability and how your project supports and develops this concept for the future.
8. **Self-assessment.** On completion of your, Independent Research Project you are to complete the self-assessment task.

*This assessment is to be completed in strict confidence and as honestly as possible. Please write the sentences out in your notes and choose the appropriate word for each statement. Be realistic and honest.*

SELF ASSESSMENT					
Part A Please tick	Excellent	Very Good	Good	Average	Unsatisfactory
The standard of my planning completed was					
The <u>amount</u> of research I completed was					
The <u>standard</u> of my research completed was					
The standard of my finished project completed was					
My essay showed an ..... understanding and link to my project					
My time management and planning was					
Part B. Please write in full sentences					
List down the obstacles or problems you encountered while completing this project.					
If you were to complete this project again, describe at least two ways you could improve it					
Did you find the project changed over the time you had? What changes, however minor or major, did you make and why?					

- 9. **Bibliography.** You will need to keep a bibliography of any websites and information that you use. You will need the web title, author (if possible), website and date accessed.
- 10. **Final product produced.** Your final project produced at the completion of the alternate city week will be marked, along with student’s behaviour and effort in completing the task.

**FINAL DUE DATE FRIDAY 20th May**

Your finished product (item etc) is to be handed in to the teacher and all sections placed into the drop box, and a notification sent to your LCL.

**Part D. Timeline and management**

- 1. You need to create a photographic representation of your project. This will involve taking lots of pictures of all stages and creating a display that shows the progression of your project. 3 photos per day minimum should be enough. You will also need to authenticate the photos by including yourself within several of these, not just one or two
- 2. You will need to submit a **detailed** timeline or management plan that explains what you did for every lesson spent on your IRP and how you have spent your time. This will include ALL of your lessons in class leading up to the alternate city week program and also the week creating your project. This should not be a copy and paste of your plan, but an account of how you spent your time during the weeks.

<b>IRP TIMELINE</b>			
<b>Day &amp; Date</b>	<b>Tasks completed</b>	<b>Day &amp; Date</b>	<b>Tasks completed</b>

## POINTS TO CONSIDER

- ❖ This is a large task, and using your time appropriately in class, breaking it up into small sections and planning you will complete this task.
- ❖ You will need to submit this task at the completion of the alternative city week for your class. The will be the 2<sup>nd</sup> of August OR the 9<sup>th</sup> of August, depending on your class.
- ❖ You will need to submit all sections of this workbook as an electronic copy into the student drop box, under your LCL class. Year 9... All sections are to be saved as Surname, Initial, IRP - part (Eg Fritz, L, IRP - Part A). Once you have done this you will need to send an email to your LCL teacher to inform them it has been completed. **IT IS YOUR RESPONSIBILITY TO STORE SEVERAL COPIES OF YOUR PROJECT AND THAT YOU CAN ALSO SAVE THE DOCUMENT AS REQUIRED.**
- ❖ **You will need to submit Part C, questions 1, 2, 3 and 4 as stated for approval. You may start your Individual Research Project, ONLY once your teacher has given you approval and signed off on your project. You may not start your IRP before this time.**
- ❖ Any projects that are not completed and/OR submitted on time and/OR to an acceptable standard will result in students receiving Tuesday detention/s until the task/s are completed to a suitable standard.

# IRP ASSESSMENT CRITERIA

CRITERIA	Very High	High	Med.	Low	Very Low	Not Shown
Introduction and Definition- all types of sustainability are defined, with examples and, Short clips and research on individuals and organisations.						
Researching and Planning - project ideas and planning pages completed						
Material list, complete, accurate and submitted on time						
Timeline and Management						
Final product - presentation and detail, relevance to theme, time commitment, clear layout and expression of ideas, use of sustainable materials.						
Essay at completion showing clear understanding and project link to sustainability						
Self-assessment. Honest and accurate assessment, areas of concern and changes for the future identified.						
Behaviour and effort completing Independent Research Project throughout completion of project						
Bibliography						

Overall Grade										
A+	A	B+	B	C+	C	D+	D	E+	E	UG

**Comments**