Green Innovation Awards  
Year 10 Geography Assessment Task

Teacher:

Stage: 5

Due Date: June 23rd 2022

Weighting:

Date Issued:

Outcomes

* Analyses the effect of interactions and connections between people, places   
  and environments GE5-3
* Assesses management strategies for places and environments for their sustainability GE5-5
* Communicates geographical information to a range of audiences using a variety   
  of strategies GE5-8
* Propose a response that individuals could contribute to achieving environmental sustainability for an environment two countries.

Geographical Inquiry Skills integrated in this task

*Acquiring geographical information*develop geographically significant questions and plan an inquiry that identifies and applies  
appropriate geographical methodologies and concepts (ACHGS063, ACHGS072)

*Processing geographical information*

apply geographical concepts to synthesise information from various sources and draw  
conclusions based on the analysis of data and information, taking into account alternative perspectives (ACHGS068, ACHGS077)

*Communicating geographical information*

present findings, arguments and explanations in a range of appropriate communication forms selected for their effectiveness and to suit audience and purpose, using relevant geographical terminology and digital technologies as appropriate (ACHGS070, ACHGS079)

reflect on and evaluate the findings of an inquiry to propose individual and collective action   
in response to a contemporary geographical challenge, taking account of environmental, economic and social considerations; and explain the predicted outcomes and consequences   
of their proposal (ACHGS071, ACHGS080)

*Geographical Inquiry Skills integrated in this task*

Environment: the significance of the environment in human life, and the important interrelationships between humans and the environment eg the quality of the environment; significant environmental challenges; approaches to environmental management.

Sustainability: the capacity of the environment to continue to support our lives and the lives   
of other living creatures into the future eg sustainable environmental worldviews and management approaches.

Summary of Task

You are to work in small groups (to be negotiated with your teacher) and devise an environmental management solution to an identified problem in one of the following areas:

* Agriculture / Sustainable land management
* Biofuels / renewable energy
* Green products / recycling in either building industry or packaging
* Water management
* Waste management

Your group will present your idea/s as a five-minute video and submit this to the Green Innovation Awards by the due date of June 23rd.

Timeline of Task

* REGISTER YOUR INTEREST BEFORE APRIL 1ST
* WORK ON YOUR PROJECT USING THE RESOURCES PROVIDED
* SUBMIT A VIDEO ENTRY BY THE END OF TERM (JUNE 23RD)
* IF YOUR CLASS GETS INTO THE FINALS, GO TO SOUTHERN CROSS UNIVERSITY TO PRESENT YOUR PROJECT TO A PANEL OF JUDGES

TERM 1

TERM 2

TERM 3

What are the Green Innovation Awards?

The Green Innovation Awards is a competition in the Northern Rivers region, designed to challenge students to research and develop innovative solutions to a chosen environmental issue. To enter you need to develop a solution to a problem and make a five-minute video presenting your ideas. Two awards of $300 each are presented: Primary School and High School. To get an idea about past projects, check out the finalists and award winners from previous years at [www.greeninnovationawards.com.au](http://www.greeninnovationawards.com.au) Your project doesn’t have to be   
100% original, just 100% your own work and creativity in its development and presentation.   
Entries for the awards will be judged using the following criteria: Originality, Degree   
of research, Practicality, Impact potential, Student knowledge and presentation.   
School-based assessment will be according to the assessment criteria below.

Task Details: Investigative Study

Select one type of environment in Australia as the context for a comparative study with one other country. Identify one environmental challenge associated with this environment, explain how the problem is currently being managed and propose a new solution that could be applied in both countries. Present your ideas as a five-minute video.

To complete this task, you will:

1. Identify the causes and extent of change to the environment in each country
2. Analyse the short and long-term consequences of environmental problem / issue in   
   each country
3. Investigate the existing management solutions of the environmental issue, for example:

* *discussion of the factors influencing the management responses in each country   
  e.g. worldviews, competing demands, technology, climate change*
* *comparison and evaluation of the effectiveness of the management responses   
  in achieving environmental sustainability*

4. Propose an innovative response that individuals could contribute to achieving environmental sustainability for the environment both countries.

Assessment Criteria

|  |  |
| --- | --- |
| Outcomes | Marks |
| Analyses the effect of interactions and connections between people, places and environments  Clearly and thoroughly identifies both causes (problem) and extent of change (impacts) to the environment  in each country. Detailed analysis of both short and long-term consequences of the environmental problem / issue in both countries.  Clearly identifies both causes (problem) and extent of change (impacts) to the environment in each country. Analysis of both short and long-term consequences of the environmental problem / issue in both countries.  Identifies some of: causes (problem) and extent of change (impacts) to the environment in one or more countries. Identifies some of: short and long-term consequences of the environmental problem / issue in  both countries. | 8-10  4-7  0-3 |
| Assesses management strategies for places and environments for their sustainability  Concise explanation of the existing management solutions of the environmental issue in both countries. Includes a discussion of factors which influence these different management responses. Clearly evaluates  the effectiveness of the existing management responses in achieving environmental sustainability.  Explanation or identification of the existing management solutions of the environmental issue in both countries. Includes a discussion or description of factors which influence these different management responses. Evaluates or describes the effectiveness of the existing management responses in achieving environmental sustainability.  Identifies existing management solutions of the environmental issue in one or both countries. Some description of factors which influence these different management responses. Limited description of  the effectiveness of the existing management responses in achieving environmental sustainability. | 8-10  4-7  0-3 |
| Communicates geographical information to a range of audiences using a variety of strategies  Both the audio and visual aspects of the video presentation are clear and concise, and engaging. Images and data are effectively used to support the information and arguments presented. Appropriate time is allocated for each element of the presentation, which is cohesive and logically structured.  Most of the audio and visual aspects of the video presentation are clear and engaging. Some images and data are used to support the information and arguments presented. Presentation is well-structured.  Some of the audio and visual aspects of the video presentation are clear and engaging. Limited or no images and data are used to support the information presented. Ideas presented are not cohesive or well-structured. | 8-10  4-7  0-3 |
| Propose an innovative response that individuals could contribute to achieving environmental sustainability for the environment both countries.  Proposed solution to environmental problem / issue demonstrates originality, creativity and extensive research. Proposed solution is realistic in its implementation and would be very effective in achieving  its stated goals.  Proposed solution to environmental problem / issue demonstrates some of: originality, creativity and extensive research. Proposed solution is realistic in its implementation and would be effective in achieving  its stated goals.  Proposed solution to environmental problem / issue demonstrates some or little of: originality, creativity  and extensive research. Proposed solution is not realistic in its implementation and would be of limited effectiveness in achieving its stated goals. | 8-10  4-7  0-3 |
| Final Mark |  |
| Mark as a percentage |  |