**Photosynthesis Research Project**

Overall Expectations for Grade 12 University Biology – C: Metabolic Processes

* C1. Analyse the role of metabolic processes in the functioning of biotic and abiotic systems, and evaluate the importance of an understanding of these processes and related technologies to personal choices made in everyday life;
* C2. Investigate the products of metabolic processes such as cellular respiration and photosynthesis;
* C3. Demonstrate an understanding of the chemical changes and energy conversions that occur in metabolic processes.

**Task**

Design a brochure to provide information about the following topic:

*The impacts of deforestation on climate change, with a focus on the metabolic products of Photosynthesis*

**Content**

Be sure to include the following items in your brochure:

* Introduction of the topic including definitions
* Connection to Photosynthesis and the products of it’s metabolic processes.
* Description of how the topic affects our climate as well as society.
* Personal recommendations to help make a positive change.
* Inclusion of one scientist and a description of their contribution to the topic.

**Methods**

You are allowed to use the following resources:

* Scientific Journal Articles
* Newspaper Articles
* Books
* Internet