



DP – Biology Lesson

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3 Part Lesson Plan

Opening

- Climate Change Risk Profile South Africa (Handout)
- Small group discussions based off handout (2-3 Students)
- Discovering prior knowledge of the topic



3 Part Lesson Plan (Cont'd)

Main Part

- Presentation of important topics and terms
- Analyzing emissions and temperature change document
- Tying it all in to answer questions on how other countries are tackling this issue and what the United Nations suggests



3 Part Lesson Plan (Cont'd)

Conclusion

- Wrapped up via a call to action
- Watch a short video on Tim Horton's new Zero Waste campaign
- Leave the class thinking about ways to decrease carbon emissions





Key IB Elements

1. Concepts

- PowerPoint
- Short Video
- Homework assignment

2. Global Context Connection

- Gases and emissions in various countries
- Handout with data
- Laws and regulations in various countries

3. Theory of Knowledge (TOK) Connections

- Impact and responsibility
 - Hypothesis testing
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Reflecting on IB Learning

I used to think...

- That IB was tailored towards students looking to study internationally
- IB was only for advanced learning in upper years of schooling (i.e., high school level)

I now think...

- IB encompasses many different views and perspectives to help students succeed in all aspects of life
- Incorporating the CAS model is key in creating well rounded and diverse individuals

I still wonder...

- How the program will be perceived as it expands into more and more schools and communities
- How educators ensure to incorporate all the aspects of the IB model into each lesson and school day

