

Carbon Footprints

Task:

- View the PowerPoint Presentation “Calculating Your Carbon Footprint”
- Go to http://www.footprintnetwork.org/en/index.php/GFN/page/personal_footprint/ to calculate your carbon footprint
- Go to <https://cotap.org/reduce-carbon-footprint/> to study ways you can reduce your carbon footprint
 - Make an action plan about how you are going to reduce your carbon footprint

Submit:

- Print outs from carbon footprint calculator website
 - Reducing your Carbon Footprint Action Plan
 - Course of Action Plan Rubric

CALCULATING YOUR CARBON FOOTPRINT

Find your Footprint

1. Visit: http://www.footprintnetwork.org/en/index.php/GFN/page/personal_footprint/ and complete the calculator
 - a) Print out your total page and hand in with the following questions answered
 - b) How does your footprint compare to Canada's?
 - c) How does your footprint compare to the rest of the world?
2. Visit http://www.davidsuzuki.org/Climate_Change/What_You_Can_Do/
 - a) Create an Carbon Reducing action plan for you and your family to follow at home
 - b) Include ways to reduce your footprint at home and at school
 - c) Please have at least 3 reducing measures for each location

Carbon Reducing Action Plan Rubric

Name:

Categories	50-59% (Level One)	60-69% (Level Two)	70-79% (Level Three)	80-100% (Level Four)
Knowledge/Understanding				
Understanding of Content (concepts, ideas, principles)	Demonstrates limited understanding of content	Demonstrates some understanding of content	Demonstrates considerable understanding of content	Demonstrates a high degree of understanding of content
Thinking and Investigating				
Use of critical/creative thinking processes, skills and strategies (analyzing, interpreting, forming and justifying conclusions)	Uses critical/creative thinking processes, skills and strategies with limited effectiveness	Uses critical/creative thinking processes, skills and strategies with some effectiveness	Uses critical/creative thinking processes, skills and strategies with considerable effectiveness	Uses critical/creative thinking processes, skills and strategies with a high degree of effectiveness
Communication				
Expression and organization of ideas in oral, visual and/or written form	Expresses and organizes ideas and information with limited effectiveness	Expresses and organizes ideas and information with some effectiveness	Expresses and organizes ideas and information with considerable effectiveness	Expresses and organizes ideas and information with a high degree of effectiveness
Uses of conventions, vocabulary, and terminology (e.g. symbols, formulae, scientific notation)	Uses conventions, vocabulary, and terminology with limited effectiveness	Uses conventions, vocabulary, and terminology with some effectiveness	Uses conventions, vocabulary, and terminology with considerable effectiveness	Uses conventions, vocabulary, and terminology with a high degree of effectiveness
Application				
Making connections between science, technology, society and the environment (assessing the impact of science on people and the environment)	Makes connections between science, technology, society and the environment with limited effectiveness	Makes connections between science, technology, society and the environment with some effectiveness	Makes connections between science, technology, society and the environment with considerable effectiveness	Makes connections between science, technology, society and the environment with a high degree of effectiveness
Proposing courses of practical action to deal with problems related to science, technology, society and the environment	Proposes course of practical action with limited effectiveness	Proposes course of practical action with some effectiveness	Proposes course of practical action with considerable effectiveness	Proposes course of practical action with a high degree of effectiveness
Total	K/U	T/I	Comm	App

