**Investigation into product manufacturing**

38 points + 2 points if it is handed in without wasting any resources

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| Choose an item you used today | |
| What materials are used to make this item? (2) |  |
| Choose one of the materials in that item |  |
| From where does the raw material come? (choose a country that produces a lot) (1) |  |
| What resources does it take to grow? (water, land, feed, …) (3) |  |
| What resources are used to extract it? (machinery, gas, animals, human labour…) (3) |  |
| Where is it processed? (it should say on the tag, etc) (1) |  |
| What are the working conditions at the factory? (Health benefits, retirement, good salary) (3) |  |
| How much gas, thermal pollution, effluent is caused in the processing? (3) |  |
| How far does it have to be transported to get to you? Which vehicles do you estimate that would transport that product? (consider deliver from raw materials to factory to distribution centre to Canada to NB store to your house) (3) |  |
| What are the working conditions for the transportation employees? (Health benefits, retirement, good salary) (3) |  |
| Does the store you bought it from use sustainable energy practices? (3) |  |
| What are the working conditions at the store? (Health benefits, retirement, good salary) (3) |  |
| How long do you plan to use this item? (1) |  |
| Is the item recyclable in Kent County? <http://www.krsc.ca/wp-content/uploads/2016/10/D%C3%A9taill%C3%A9eEN.pdf>  (1) |  |
| Are there ways you could reduce, reuse or recycle this product? (3) |  |
| Research a “green” product that is similar to this item that you could buy. Are the prices similar? Is the product truly green or just “green washed” (5) |  |