Agriculture Laptopia

**Part 1 How crops are grown**

Read and view crop growing:

<http://www.bbc.co.uk/nature/humanplanetexplorer/environments/agriculture>

List 5 facts that surprised you

1

2

3

4

5

Read and view cropland:

<http://www.bbc.co.uk/nature/habitats/Arable_land>

Design 3 questions you have after reading this article

1

2

3

Read about Brazil :

<http://www.dailyfinance.com/2012/12/21/welcome-to-mato-grosso-the-giant-swath-of-land-thats-feeding-t/>

Describe what is so unique about agriculture in Brazil

Use 2 graphics to illustrate

**Part 2 Crop and livestock maps of various scales**

Find agricultural(crops and livestock) maps of Colorado.

Paste it here

Go to google Earth and capture a screen shot of a group of livestock

Paste it here

Find agricultural(crops and livestock) Maps of USA

Paste it here

In one paragraph describe how Colorado is different and similar to the rest of America in terms of crops grown & livestock raised

Find an agricultural map of the top 5 crops in the world.

What surprised you? Be detailed in 4 sentences

**Part 3**

**Genetically Modified Crops (GMO)**

GM crops potatoes:

http://www.bbc.co.uk/news/science-environment-21294487

Read and list 5 facts:

1

2

3

4

5

Monsanto:

<http://www.monsanto.com/Pages/default.aspx>

Read and view the above website.

What business image (marketing) is Monsanto projecting to the commercial world? (a green company? A multinational company? A Chemical company? A caring company? A profitable company? Or other?

Find evidence that supports your view using cut/paste from their website.

Supreme court case with Monsanto:

<http://www.nytimes.com/2013/02/20/business/justices-signal-a-monsanto-edge-in-patent-case.html?_r=0>

**Part 4**

**Can organics feed the world?**

<http://www.scientificamerican.com/article.cfm?id=organic-farming-yields-and-feeding-the-world-under-climate-change>

Write a one paragraph opinion on Organics vs. Commercial AG