

Farm to Fork

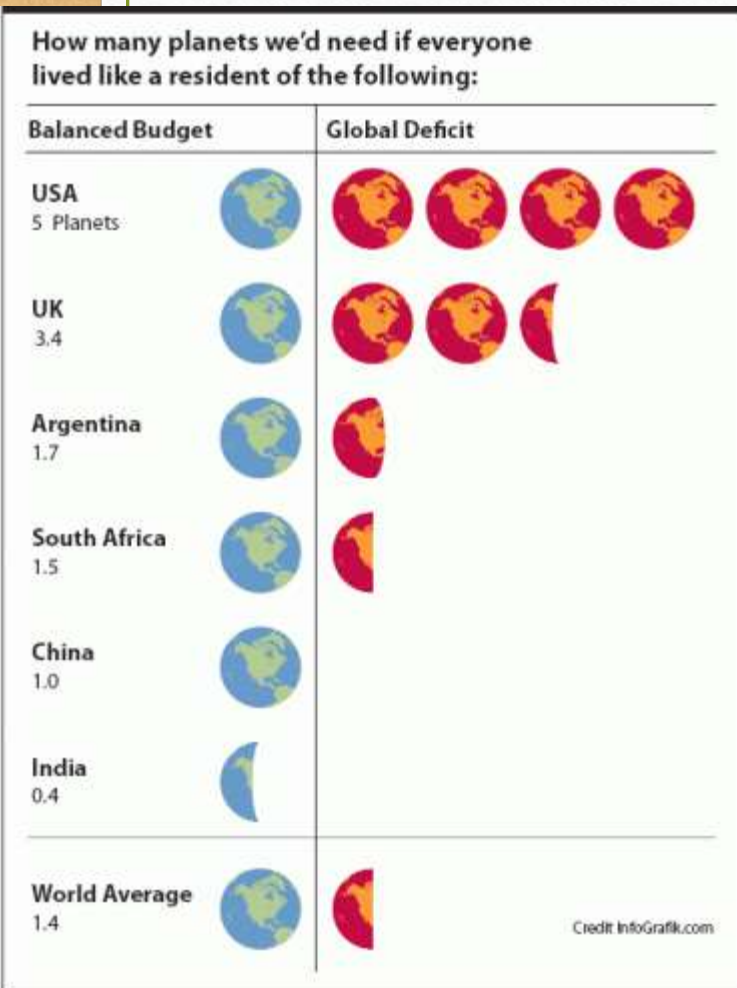
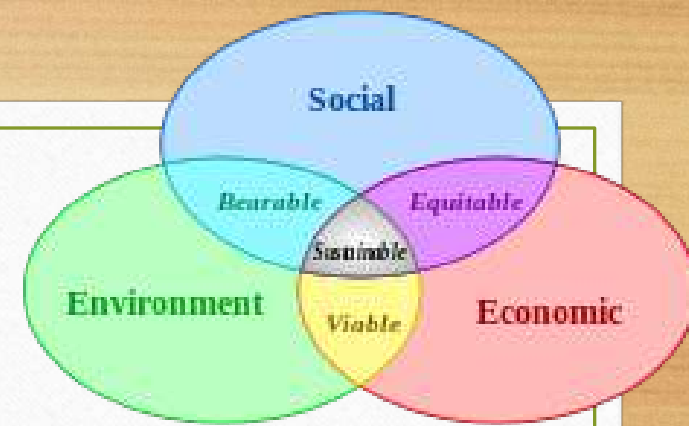
Our Carbon Footprint

Resource Management Week 11

10/23 How many more Earths?

Obj. TSW learn about how we need to conserve our resources now to have resources for future generations.

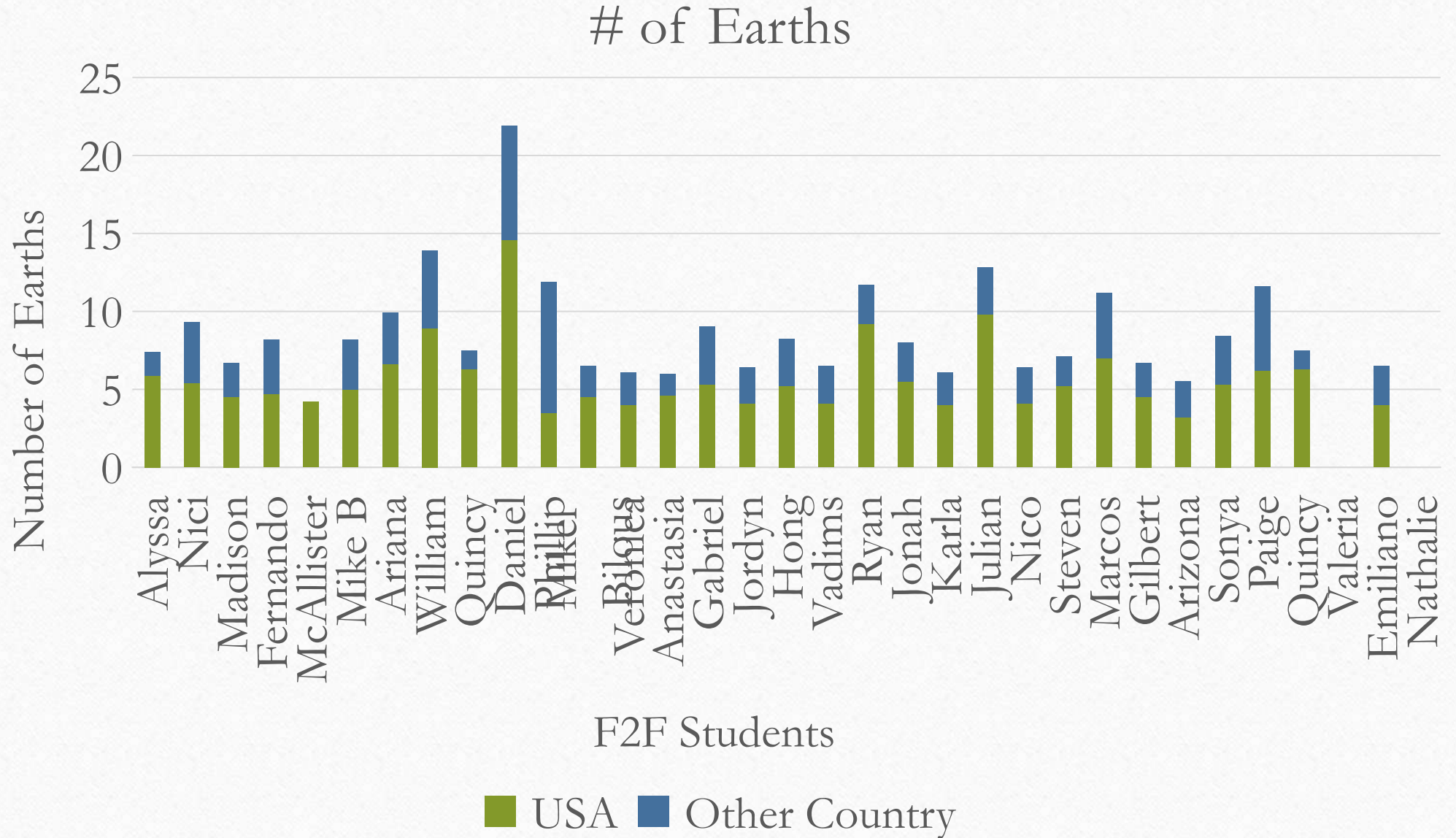
P. 14 NB



1. How close was your prediction as to the number of Earth's you thought you would use?
2. What ways can you be more conservative in your day to day life?
3. What are chapters 6 & 7 about in Omnivores Dilemma?

sus.tain'abil'i.ty:

n., the ability to meet the needs of the present without compromising the ability of future generations to meet their own needs.





Garden

- I'm taking roll when I get out there. If you are not there, I will call for a campus aide to find you, escort you to the office. I will write a referral later.
- Vocabulary list is due Wednesday.

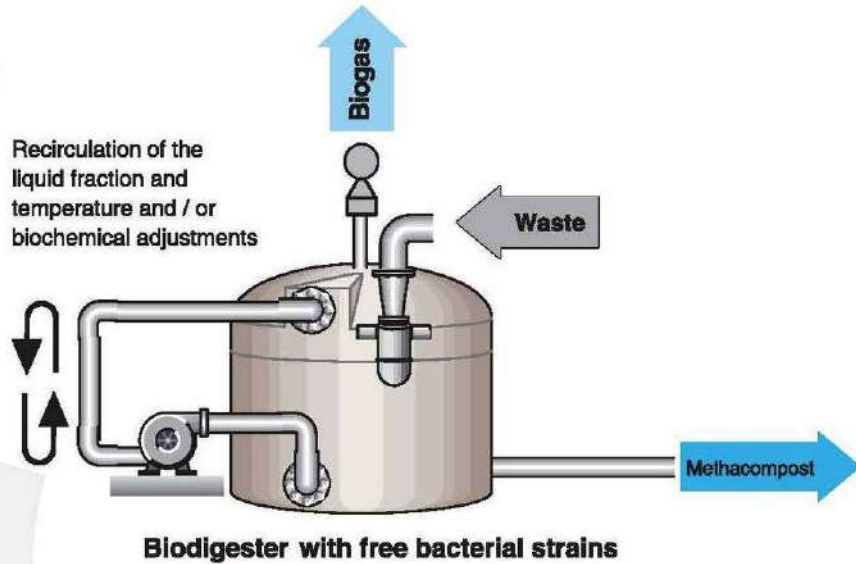
10/26 Reflection

Obj. TSW reflect on what they have done for the garden and what the garden can do for them. P. 16NB

1. What message do you want the School Board to take away from their visit to the Garden?
2. What are some of our areas of improvements?
3. What are we proud of?

10/27 What if...

Obj. TSW think about ways we produce products and how they become obsolete. P. 18NB



1. What is planned obsolescence?
2. How can we reduce, reuse & recycle products?
3. What if everything we produced could be biodigested, composted or recycled at the end of it's life?



Activity: As a Class Brainstorm Major
Pollution Situations in the World p. 15 NB

- Pacific Garbage Patch

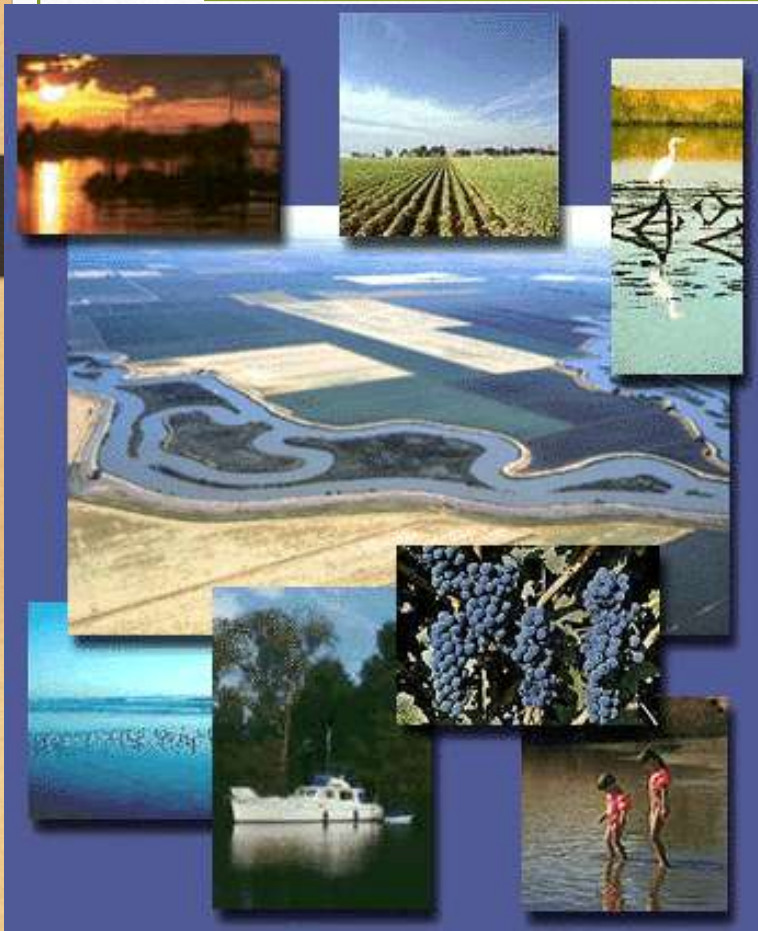
Tuesday: Computer Lab Activity: P. 17 NB

- Individual Research on a Pollution Situation in the World:
 - Where, What, How does it impact our available resources?
 - How does it impact our growing food to feed families?

- Don't forget to do your vocabulary!!!

10/28 Land as a Resource

Obj. TSW learn about organizations that protect our land. P. 20 NB



1. What benefits does land (Parks, Nature Reserves) provide for us?
2. What organizations manage our land?
3. What would you do differently?

Rangelands Trust

- <http://www.rangelandtrust.org/>
- Watch Video on Rangeland Trust
- Randy Gustuvus - Director

Notebook Check

Tuesday 10/27 P. 8 – 15

40 points

Date	Title/ Topic	Page #
10/19	WU – Our Carbon Footprint: Resource Management	8
10/23	Vocabulary List – Our Carbon Footprint	9
10/20	WU – Our Carbon Footprint	10
10/20	Video - GATTACA	11
10/22	WU – Our Carbon Footprint	12
10/22	Activity: # of Earth's	13
10/23	WU – How many more Earth's?	14
10/26	Brainstorm – Major Pollution Situation World Wide	15 Notebook Check p. 8 – 15 40 points

Name those Plants! P. 19 NB

- Strawberry's
- ?

Land is a Resource

How is it managed? P.21 NB

- Research Bureau of Land Management
- National Park Service
- Fish and Game
- National Forest Service
- Choose one of these 4 Organizations and explain it's history. Why it was created, its purpose, how they educate the public about their purpose? Name 3 interesting facts.
- Be prepared to share out.

10/29 Harvest Festival & Open House

Obj. TSW create ideas for the Harvest Festival
November 10th at 5:30 at Bryte Campus. P. 22NB



1. Our Goal with F2F is to educate others about the benefits of eating locally, produce food for the RCHS cafeteria and the Bryte Campus. Create ideas for a vender booth- How can we make \$?
2. Create ideas for an informational booth that is fun for all ages.

10/30 Omnivore's Dilemma

Obj. TSW learn how corn is processed into other food. P. 24NB



1. CH 6: What does it mean to process corn?
2. CH 6: What products are made from processed corn?
3. CH 7: Childhood Obesity is on the rise, what is Michael Pollan's explanation for our epidemic?

Processed Corn Products

10% of US corn p. 68 – 69 Omnivore's Dilemma

- Sweetener for soft drinks
- Starch for hamburger bun
- Corn oil, used for cooking or salad oil
- Margarine – hydrogenated trans fats
- Mill starch make animal feed
- Cornstarch is made
- High Fructose Corn Syrup discovered by Japanese chemists
- Maltodextrin – used to make pudding & gravy
- Fermented starch can be used to make plastic

Wet Mill – industrial digestive system

- Corn is broken down into different parts.
- 25 major wet mills in the US
- Cargill and Archer Daniel Midland own the majority of them
- At the mills the corn is grinded , soaked in acid & reduced to sugars

\$ Breakfast Cereal & Fast Food \$

- General Mills – a box of cereal contains 4 cents worth of corn, but sells for \$4.
- McDonalds make \$ by selling a “Chicken Nugget” not a recognizable piece of chicken because it is processed.
- “There’s money to be made in food, unless you’re trying to grow it.” George Naylor
 - For every \$1 the consumer spends on eggs, the farmer earns 40 cents.
 - For every \$1 the consumer spends on HFCS in Soft drinks, or cereal, the farmer only earns 4 cents.