



DAY 1

WHO

ARE YOU?



WHO AM

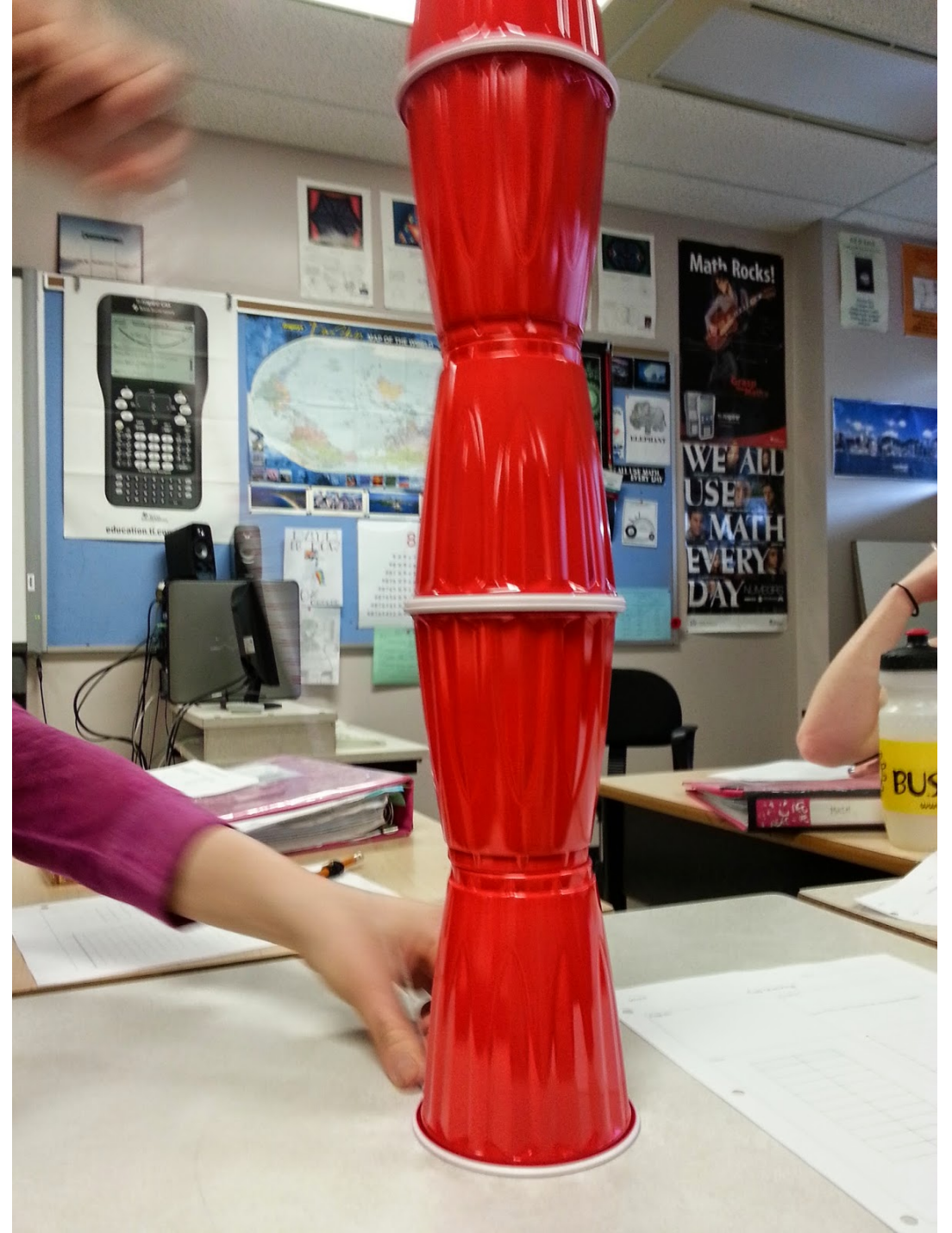
I ?

Who's Who



In Science you have to work as a team!





Classroom Syllabus/Expectations



Online Resources

- <http://fairfieldschools.org/schools/fwhs/racioppo/>



Pre-Test



OH NO!!!!!!





STEPS TO THE SCIENTIFIC METHOD

- IV
- DV

- VARIABLES HELD CONSTANT
- CONTROL GROUP

THINK
ON YOUR OWN....



On Loose leaf paper answer the following:

1. What is it?
2. Is it living? How do you know?
3. What characteristics do all living things have?

PAIR Brainstorm

As a group, answer the same questions.

1. What is it?
2. Is it living? How do you know?

Come up with a list that as a group you believe that all living things have.



SHARE

GRRRNEST



Characteristics of living things.

Functions

Made of cells

DNA or RNA

Metabolism

total of
a life functions

Homeostasis

internal balance

Adapt & Evolve
temp

Growth & Develop

Reproduction

Respiration - ENERGY

Respond to Environment (Stimuli)

Nutrition

Excretion - remove waste

Synthesis = to make

Transport

heterotroph (consumer)
autotroph (producer)

How are these organisms arranged into groups?

What are the groups called?

- 1 Bacteria
 - 2 Protist
 - 3 Fungus
 - 4 Plants
 - 5 Animals
- Prok* (bracketed next to 1 and 2)
Euk (bracketed next to 3, 4, and 5)
- Archaeobacteria* (pointing to 1)
Eubacteria (pointing to 1)
- mushroom*
mold
yeast (pointing to 3)



How will you as a team test to see if your “thing” is living?

- Design a lab
- What is the scientific method? How will you satisfy all the steps?
- How will you ensure that it is valid?

