



ENVIRONMENTAL SCIENCE

Mrs. McAllister

FALL 2015 – 2016

ROOM 757

PERIOD 4

WHAT IS THIS?

WRITE YOUR BEST GUESS ON THE 3X5 CARD




OAK TREES AND WASP GALLS

- The wasp choose an oak tree as a host and their larvae grow on the underside of the leaf
- The wasps deposit reddish urchin galls
- *antron quercusechinus*
- Article in [bay nature](#) magazine





INTERACTIONS IN NATURE

- Describe some interactions in nature that you have noticed or discuss your thoughts about the wasps and oak galls.
 - How do living things interact with each other?
- 

HOW ARE YOU PART OF THE NATURAL SYSTEM / ENVIRONMENT?

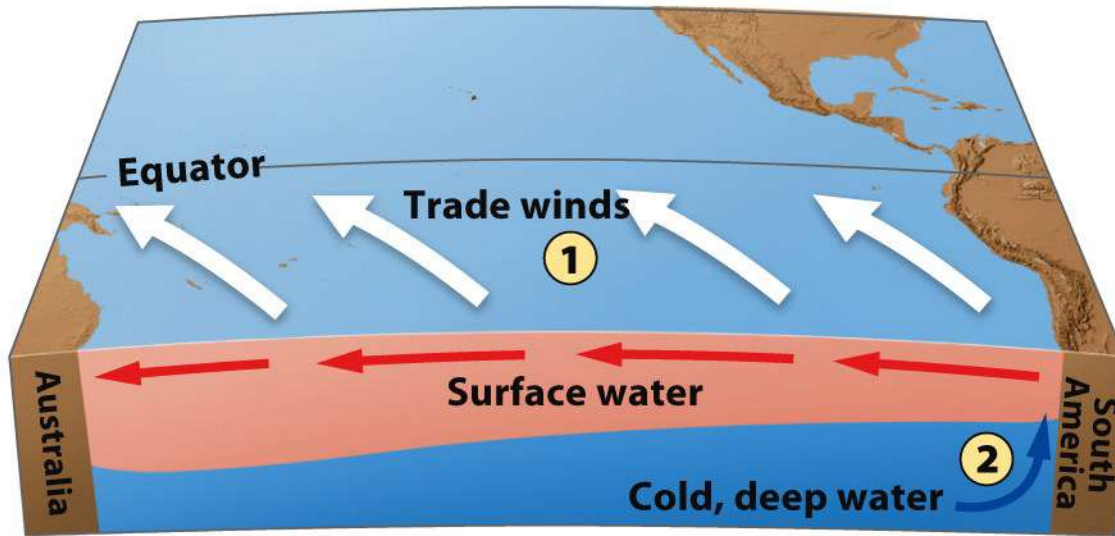
- Write your thoughts down on paper. You will tape this in your notebook tomorrow.
- Watch the following [video](#).
- Now what? How has your perception changed regarding how you are part of the environment?
- One more [video](#).

THE SECRET LIFE OF CROWS

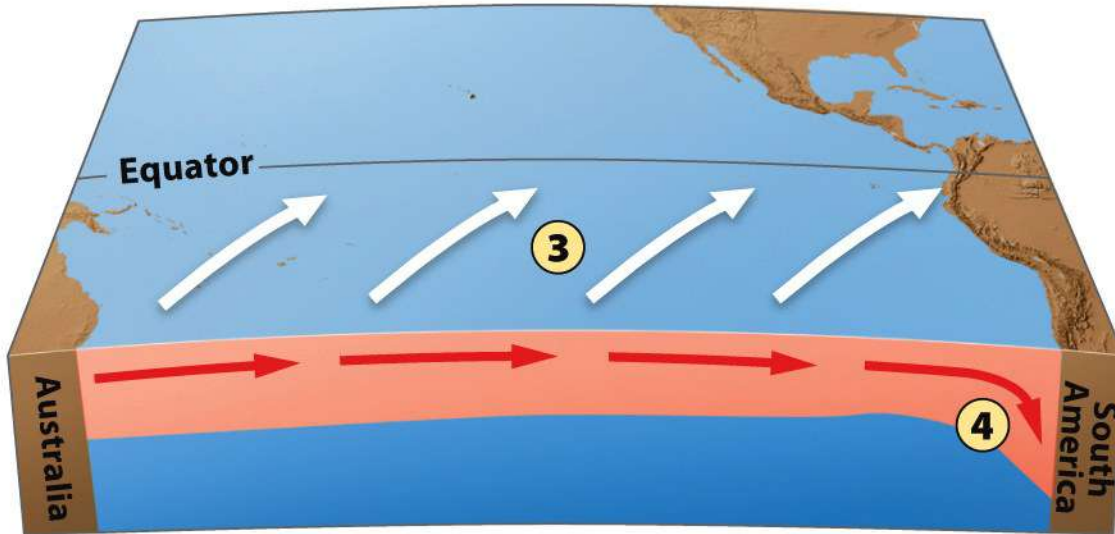
- FACIAL RECOGNITION
- ALARM CALL
- HOW DO HUMANS AND CROWS WORK TOGETHER TO SOLVE PROBLEMS?
- WHAT IS THE REAL PROBLEM?
- HOW DO HUMANS INTERACT WITH NATURE?

ANNOTATE THE TEXT

- Read the “Will El Nino Make a Difference? Maybe not July 2015
- As you read underline the vocabulary words you know
- Circle any vocabulary words you don’t know.
- Write you thoughts I the margins.
- Answer the following questions after having a discussion about the article on page 11 NB.



(a) Normal year



(b) El Niño year

1 During most years, trade winds push surface water from east to west.

2 Deep water moves upward (upwelling) to replace surface water that has moved westward.

3 During El Niño years, trade winds weaken or reverse direction; warm surface water moves from west to east.

4 The warm surface water builds up along the coast of South America and prevents upwelling of the deep cold water.

WHAT ABOUT OUR DROUGHT?

- [HTTP://CA.GOV/DROUGHT/](http://ca.gov/drought/)
- *WILL EL NIÑO MAKE A DIFFERENCE, MAYBE NOT*
 - READ THE FOLLOWING ARTICLE, WRITE YOUR ANSWERS ON BINDER PAPER.
 - What is ENSO?
 - Why is it one of the most studied climate phenomena?
 - What is the claim of the article?
 - What is the evidence for that claim?
 - List the support for that evidence.
 - Why is this important? How does it effect our lives?
 - How is the environment important to us?

The background features a light gray gradient with several realistic water droplets of various sizes scattered across the surface. The droplets have highlights and shadows, giving them a three-dimensional appearance. The text is centered in the middle of the frame.

ENVIRONMENTAL SCIENCE

SUSTAINABILITY

8/20 Sustainability

Obj. TSW learn how RCHS incorporates sustainable practices by walking on a campus tour and participating in a class discussion after. P. 8NB

1. How are you part of the natural environment?
2. What would you like to learn about environmental science?
3. What do you think sustainability means?

8/21 Environmental Science

Obj. TSW better understand weather systems and impacts of a drought by reading an article and discussing it in a group. P. 10 NB

1. What is Environmental Science?
2. Have you noticed more Crows on campus each day?
3. What do you think Salinization is, as it relates to agriculture?



Eating food locally Farm-to-Fork

- What do you think farm to fork is?
- How is it a sustainable practice?