



# Ecology

Vanilla Macias-Rodriguez  
vanillam@beekmanschool.org

This course provides students with an overview of the relationship between humans and their environment. Specifically, the course will introduce students to the environmental problems that we face including human population growth, air pollution, water pollution, loss of biological diversity and energy usage, and discusses potential solutions to these problems. We also investigate local environmental issues.

## Text and Required Apps

### TEXT

Houghton Mifflin Harcourt- Environmental Science Heithaus, Arms  
Houghton Mifflin Harcourt: ©2013  
\*in iBooks-search Houghton Mifflin Harcourt and choose the Environmental Science text with the bee and honeycomb

### APPS

Smart Notebook  
Quizlet  
TopNotes  
KAHOOT!  
Puffin Browser  
Remind-Register for text updates-Phone number: 81010 Message: @beekmaneco

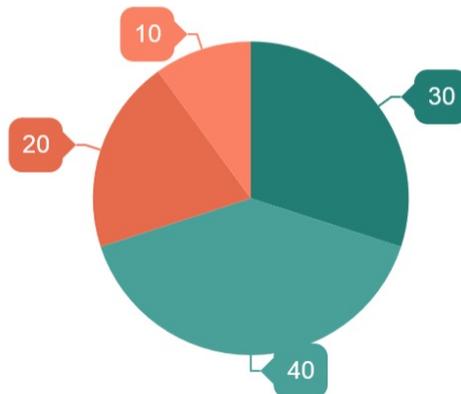


## Requirements



1. Attend class daily. Class participation grades will be given for participation in mini labs, class discussions and reviews-these grades can not be made up. Extra Credit assignments will not be posted on-line. You must be present to take advantage of these opportunities.
2. Bring your CHARGED iPad to class EVERY day.
3. Be prepared and on time.
4. If you are absent, it is your responsibility to turn in any work due, complete missed assignments, quizzes or tests and obtain notes or lab results within one week of your absence.
5. Complete and turn in all assignments on time (at the beginning of the class period). Late assignments will be penalized 10 points per day and will not be accepted after three days.
6. Maintain an organized binder for your workbook and all classwork, homework, quizzes and tests not completed on iPad.
7. Your cell phone MUST be off and put away from bell to bell. Failure to comply will result in your phone being confiscated for the remainder of the school day.
8. Submit a WEEKLY Article Summary assignment=Quiz grade-assignment details and rubric will be provided.

## Grading



## Course Outline

Environmental Science: A Global Perspective  
 Living Things in Ecosystems  
 How Ecosystems Work  
 Kinds of Ecosystems  
 Water  
 Air  
 Atmosphere and Climate  
 Land  
 Food  
 Energy  
 Waste  
 Sustainability

