APES- Earth Day Network Footprint Calculator

Name: _____

<u>**Prediction:**</u> *How many planets (Earth) does it take to support your lifestyle?*
Answer: _____

<u>**Directions:**</u>

1) Make an "Avatar" of yourself

2) Answer using <u>**DETAILED**</u> answers to each lifestyle question

<u>**Questions:**</u>

1) How often do you eat **animal based products**?

Why do you think this affects your footprint? Explain.

2) How much of your food is **processed, packaged and not locally grown**?

Why do you think this affects your footprint? Explain.

3) How much **trash do you generate**?

What affects does this have on your footprint? Why?

4) Which **housing type** best describes your home?

Why would this make a difference in your impact?

5) Do you have **electricity** in your home?

What are the environmental impacts of electricity? Explain.

6) **How many people** are in your home?

7) What is your house made of?

Which building material is the most energy efficient? Explain.

8) Does anyone of your home's electricity come from renewable sources? **(SDGE= no)**

9) How far do you **travel by car each week**?

Do you carpool or do anything to reduce your impact?

10) Do you ride a **motorcycle**?

11) What is the **gas mileage in your car/motorbike**?

12) How often do you **drive with someone else**?

13) How far do you **travel by bus/train each week**?

14) How many hours do you **fly each year**?

Fill in the following things below:

How many planets (Earth) are needed to provide enough resources to support people if everyone lived like you? Draw the Earths	Draw your ecological footprint breakdown: (Color coordinate your graph)
How many global acres would take to support your lifestyle? Draw the diagram below.	Go back and edit your footprint, and explore scenarios to reduce your footprint
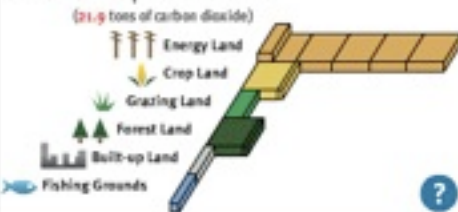
EDIT your Footprint by making CHANGES to your lifestyle. List the changes you have made to your lifestyle below and the impact it had on your ecological footprint. Show your new results.

Changes Made:

1)

2)

3)

4)

5)

Impact on my Ecological Footprint: (Draw out NEW results based on changes made)

REFLECT on what you learned by doing this activity: