

Name: _____

APES – Summer Work 2018-2019

*This assignment will be graded as a MAJOR ASSESSMENT and is due by **4 PM on Friday, September 7th** for in-class grading the following Monday, September 11. An automatic 10 points will be deducted if brought in on Monday, September 10. Failure to bring in the assignment by Monday, September 11 will result in a ZERO test grade for this assignment! *

Directions: Find an example of each of the following terms. You may only provide a picture where noted. All other items must be represented by some other fashion. No more than five (5) pictures can be used (excluding the * items). All other items must be represented in some fashion (an actual item, an interpretation, a hand-drawn representation or model, etc.). One item or picture may be used for more than one description as long as it is labeled as such. You may need to do a little bit of internet research to determine what these terms mean!

All materials need to be marked with the corresponding letter and in a bag or tagged (see photo below). It is recommended that you store your items in a shoebox or similar type container.

- A. ____ A type of biomass
- B. ____ Photosynthetic organism
- C. ____ Keystone species
- D. ____ Type of coal
- E. ____ Sedimentary rock
- F. ____ Igneous rock
- G. ____ Metamorphic rock
- H. ____ Energy source
- I. ____ Recyclable material
- J. ____ Renewable resource
- K. ____ Acid
- L. ____ Base
- M. ____ Heterotroph
- N. ____ Autotroph
- O. ____ Nonrenewable resource
- P. ____ Map of Virginia with six (6) Superfund sites labeled with a brief explanation*
- Q. ____ Picture of an endangered organism found in the U.S.*
- R. ____ Picture of an endangered organism found in a Virginia River*
- S. ____ Picture of an invasive species found in Virginia*
- T. ____ Keystone species found in a freshwater habitat
- U. ____ Keystone species found in the forest
- V. ____ Major environmental legislation from 1970s
- W. ____ Major environmental legislation from 1980s
- X. ____ Major environmental legislation from 1990s
- Y. ____ Weather instrument
- Z. ____ Symbiotic relationship
- AA. ____ Food web
- BB. ____ Agricultural pollution
- CC. ____ Locally grown item
- DD. ____ Organically grown item
- EE. ____ Polluted river in Virginia
- FF. ____ Map of your watershed*
- GG. ____ Soil testing device
- HH. ____ Water testing device
- II. ____ Example of an energy source not derived from the sun
- JJ. ____ Second Law of Thermodynamics
- KK. ____ First Law of Thermodynamics
- LL. ____ Consumer
- MM. ____ Indoor air pollutant
- NN. ____ Abiotic item
- OO. ____ Biotic item

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