

Grade 8 Science Systems **Other Systems in Action PowerPoint Summary**

Name: Answer Key Class: _____ Date: _____

1. As we go through the PowerPoint, you are to fill in the blanks.
2. Systems can be divided into physical and social systems.
3. Both types of systems can be natural or Human Made.
4. An example of a Natural Physical System is solar system digestive system
5. An example of a Human Made Physical System is car cell phone.
6. An example of a Natural Social System is ecosystem, ant or bee colony
7. An example of a Human Made Social System is healthcare, education
8. Examples of inputs in systems are water, electricity, gas, gas peddle
9. Examples of outputs in systems are plant growth, movement, sound
10. Examples of side effects are thinning blood, ulcers, happiness, depression
11. What system is the electric shaver? human made electrical mechanical
physical
12. What system is the camera? human made optical mechanical system
13. What system is the Birthday Party? human made social

14. What system is the ant with ants? natural social
15. What system is the internal organs? natural physical
16. What system is the toaster? human made electrical mechanical
17. What are some examples of system feedbacks in natural systems? ecosystem
digestion thermostat ← warm blooded animals
18. What are some examples of system feedbacks in human made systems? all appliances
thermostats car sensors ← ^{gas} temperature
oil
19. What happens when a system is not properly maintained? become less
efficient and eventually fail
20. Every system overlaps with other systems. True or False? true

What are your learnings from this extension of the systems unit?

Answers will vary.