

NAME:

PERIOD:

DATE:

NATURE OF SCIENCE

SYSTEMS CLASSWORK 2

Look at the characteristics and systems below. Decide if they are or belong to open loop systems, closed loop systems or both. Label with O for open loop, C for closed loop, or B for both.

1. _____ the water cycle
2. _____ the life cycle of an oak tree
3. _____ the outputs become the inputs to keep the system going
4. _____ has processes
5. _____ making lemonade
6. _____ the outputs leave the system
7. _____ the carbon cycle (carbon atoms go from one organism to another, then return to the soil)
8. _____ has inputs

Look at the system below. Somewhere in the system, label the following:

Input

Output

Process

Feedback Mechanism

