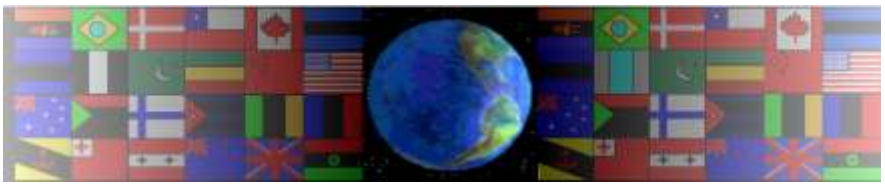
CONTROL SYSTEMS - CLOSED SYSTEMS

On behalf of The World Association of Technology Teachers

W.A.T.T.



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This exercise can be printed and used by teachers and students. It is recommended that you view the website (www.technologystudent.com) before attempting the design sheet .

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1. In the space below draw a systems diagram that represents a closed system. The closed system should include the following stages, in the correct order:

OUTPUT INPUT FEEDBACK PROCESS

The closed system shown below represents a simple weather station. It is composed of a temperature sensor which detects changes in air temperature, a computer that processes the information and a printer that prints out the data in the form of a graph. This is a continuous process.
Explain the entire weather station system by adding notes to the input, process, output and feedback sections of the diagram.