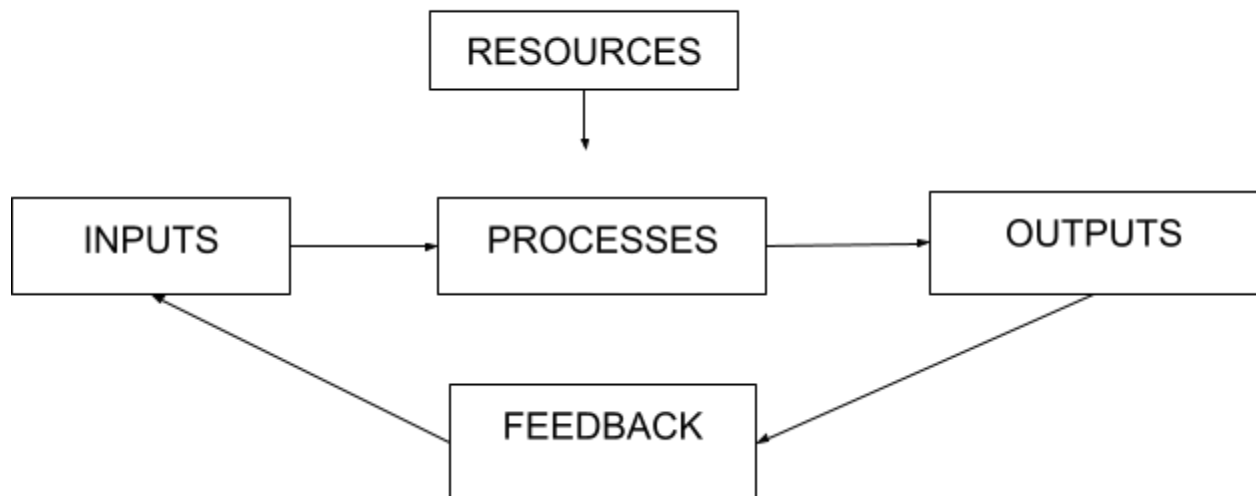


The Technological system

To understand what a technological system is, it is necessary to first examine the meaning of the word technology. Technology can be defined as the application of tools, equipment, ideas, processes, and materials to the satisfactory solution of human need. In light of this definition, a technological system would then involve systematically using technology to meet human needs. For example, satisfying the human need to explore space involves the same use of a technological system, as you will be using to create your project in this module.

The Parts of a Technological System



1. **Inputs** for a technological system include:

- the needs or wants that you are seeking to meet.
- the design or ideas for ways in which those needs or wants might be met.

2. **Processes** are the things that you do to construct whatever it is you have designed to meet the needs established at the input stage.

3. **Outputs** are the items that are created as a result of the processes phase. These items may include drawings, structures or artifacts

4. **Feedback** is the phase in which you analyze your outputs and make any necessary adjustments to the input.

Some technological systems do not use feedback and are called open systems. A system that uses feedback is called a closed system