An example of negative feedback is sweating. As a person heats up nerve cells in the brain detect temperature increase. The brain sends out signals to activate sweat glands

An example of positive feedback is fruit ripening. As ripening happens ethylene gas is released. Ethylene flips switch to turn on genes to make enzymes that cause ripening

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| --- | --- | --- |
| Part | Negative Feedback | Positive Feedback |
| Receptor | Nerve cells in Brain | Protein receptors in cell  |
| Control Center | Hypothalamus | DNA |
| Effector | Sweat glands | Enzymes that cause fruit ripening |