# Team Reflex Loop Worksheet & Grading

## Purpose: Connect physiological processes to your team’s experiment and results

Team’s Hypothesis: Submerging your hand in cold water will increase heart rate.

[ ]  Correct

Stimulus: Cold water

[ ]  Correct

| **Organ** | **Cell** | **Molecule** |
| --- | --- | --- |
| Receptor/Sensor **organ**: Heart[ ]  Correct | Receptor/Sensor **cell**: [ ]  Correct | XXX |
| Afferent pathway **organ**: [ ]  Correct | Afferent pathway **cell**: [ ]  Correct | XXX |
| Integrating center **organ**: [ ]  Correct | Integrating center **cell**: [ ]  Correct | XXX |
| Efferent pathway **organ**: [ ]  Correct | Efferent pathway **cell**: [ ]  Correct | Efferent pathway **molecule** = Neurotransmitter: [ ]  Correct |
| Target/Effector **organ**: [ ]  Correct | Target/Effector **cell**: [ ]  Correct | Target/Effector **molecule** = Receptor: [ ]  Correct |

Observed Response:

[ ]  Correct

## Suggestions to improve the reflex loop:

* Suggest improvements to reflex loop content (not suggestions such as font).
* Suggestions could include which posted materials to use to improve loop.

Loop suggestion 1:

Loop suggestion 2: