**Feedback Loop Prezi Project:**

**Goal**: Show how a feedback loop used to maintain homeostasis is used in body system.

**Format**: Prezi (<http://prezi.com/>)

**DUE: Monday 12/3, Presentations Tuesday 12/4**

|  |  |
| --- | --- |
| **Points** | **Sections** |
| /5 | –Identify System:   * Function * What types of organisms have this system * Why they would need that system |
| /5 |
| / 5 |
| /5 | –Organs involved |
| /20 | How feedback loop works in this scenario   * Include: * Stimulus * Receptor * Integration center * Effector * Response |
| /5 | What would happen if this feedback loop failed |
| /5 | Include your references (3 minimum) |
| Presentation | |
| /5 | Prezi Attractiveness |
| /5 | Oral Presentation |
| Total | /60 |

Possible Project Topics:

1. Insulin and glucose
2. Blood Pressure
3. Osmoregulation (water balance - Kidneys)
4. Excretion
5. pH
6. Ion levels
7. Hormones
8. Temperature maintenance

* DO **NOT** USE: Evaporative cooling

**To Do list:**

* Independent research on your section.
* Discuss how each piece relates to the others
* Create a stand-alone presentation (has the information on it, does not need to be presented)
* Present to an adult and get feedback.

Student(s):\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Multimedia Project: Zoology Feedback Loop Prezi**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| CATEGORY | 5 | 4 | 3 | 1 |
| Prezi Structure | Well-rehearsed with smooth delivery that holds audience attention.   * Use of visuals | Rehearsed with fairly smooth delivery that holds audience attention most of the time.   * Use of visuals | Delivery not smooth, but able to maintain interest of the audience most of the time.   * Minimal visuals | Delivery not smooth and audience attention often lost. |
| Oral Presentation | Interesting, well-rehearsed with smooth delivery that holds audience attention. | Relatively interesting, rehearsed with a fairly smooth delivery that usually holds audience attention. | Delivery not smooth, but able to hold audience attention most of the time. | Delivery not smooth and audience attention lost. |
| Function | Covers topic in-depth with details and examples. Subject knowledge is excellent. | Includes essential knowledge about the topic. Subject knowledge appears to be good. | Includes essential information about the topic but there are 1-2 factual errors. | Content is minimal OR there are several factual errors. |
| What types of organisms have this system |  |  |  |  |
| Why they would need that system |  |  |  |  |
| Organs involved |  |  |  |  |
| Feedback loop works in this scenario - | \_\_\_\_\_/20   Include:   * Stimulus * Receptor * Integration center * Effector * Response | | | |
| What would happen if this feedback loop failed |  |  |  |  |
| Include your references (3 minimum) |  |  |  |  |

Subject:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Grade:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_/60