**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