**Waves Foldable Rubric**

**Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Period: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

You will create a foldable that describes mechanical waves. Be sure to follow the rubric below.

|  |  |  |
| --- | --- | --- |
| **Criteria** | **Points Available** | **Points Earned** |
| **Title Flap*** Includes name of foldable, student name, & class period
 | **5** |  |
| **Mechanical Waves Flap*** definition of mechanical wave
* definition of medium
* two types of mechanical waves
 | **20** |  |
| **Transverse Waves Flap*** direction of wave
* Crest (definition)
* Trough (definition)
* example of transverse wave
* drawing of a transverse wave
 | **30** |  |
| **Longitudinal Wave Flap*** direction of wave
* compression (definition)
* rarefaction (definition)
* example of longitudinal wave
* drawing of a longitudinal wave
 | **30** |  |
| **Pictures & Examples*** Drawings are accurately labeled
* Examples accurately represent each type of wave
 | **10** |  |
| **Neatness*** The finished product is neat and free of mistakes
* Color is used throughout the finished product
 | **5** |  |
| **TOTAL** | **100** |  |

**Waves Foldable Rubric**

**Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Period: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

You will create a foldable that describes mechanical waves. Be sure to follow the rubric below.

|  |  |  |
| --- | --- | --- |
| **Criteria** | **Points Available** | **Points Earned** |
| **Title Flap*** Includes name of foldable, student name, & class period
 | **5** |  |
| **Mechanical Waves Flap*** definition of mechanical wave
* definition of medium
* two types of mechanical waves
 | **20** |  |
| **Transverse Waves Flap*** direction of wave
* Crest (definition)
* Trough (definition)
* example of transverse wave
* drawing of a transverse wave
 | **30** |  |
| **Longitudinal Wave Flap*** direction of wave
* compression (definition)
* rarefaction (definition)
* example of longitudinal wave
* drawing of a longitudinal wave
 | **30** |  |
| **Pictures & Examples*** Drawings are accurately labeled
* Examples accurately represent each type of wave
 | **10** |  |
| **Neatness*** The finished product is neat and free of mistakes
* Color is used throughout the finished product
 | **5** |  |
| **TOTAL** | **100** |  |