Names \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Team Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Shake Table Rubric

|  |  |  |
| --- | --- | --- |
| **Category** | **Pts. Possible** | **Pts. Earned** |
| Height (Between 30-50 cm) | 5 |  |
| Area (Between 225-324 cm squared) | 5 |  |
| Weight (Not to exceed 3 lbs) | 5 |  |
| Open Air Garage (top floor) with way to keep 100 g mass | 3 |  |
| Bottom floor | 2 |  |
| Light earthquake (Self supporting and able to withstand light shaking) | 6 |  |
| Medium earthquake (Self supporting and able to withstand moderate shaking) | 4 |  |

**Bonus on structure:**

\_\_\_\_\_ Tallest Structure

\_\_\_\_\_ Able to withstand most force

\_\_\_\_\_ littleBits Integration

 **\_\_\_\_\_\_\_\_ out of 30 points**

**Comments:**

Turn over for Keynote Rubric

Keynote presentation rubric

|  |  |  |
| --- | --- | --- |
| **Category** | **Pts. Possible** | **Pts. Earned** |
| Include cover slide with image of completed building, team members names, and team name. | 2 |  |
| Include a statement that answers the question: What was the problem you were trying to solve? | 3 |  |
| Include a statement that answers the question: What was your company’s hypothesis? | 5 |  |
| Include a statement that answers the question: What materials did you use to build? (INCLUDE A BUDGET) | 2 |  |
| Include a statement that answers the question: What steps did you follow to build your apartment? (BE SPECIFIC) Include images as building is created. | 3 |  |
| Include your design specs (height, weight, area, floors) | 2 |  |
| Include video of building on shake table. | 2 |  |
| Concluding slide with your results and redesign reflection.What could you do to improve the performance? If you were starting over, what would you do differently? | 6 |  |

**Comments:**

 **\_\_\_\_\_\_\_\_ out of 25 points**

**Total Points \_\_\_\_\_\_\_\_ 55 out of points**