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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Station 1: Force**   |  |  |  |  | | --- | --- | --- | --- | | # of books | 1 | 2 | 3 | | Force in Newtons |  |  |  |   Why was the force for each setup different? | Diagram with all labeled forces: |
| **Station 2: Eggcentric Behavior**   1. Mass Egg 1:\_\_\_\_\_\_ Mass Egg 2:\_\_\_\_\_\_\_   3.    4.  5. | 6/7.  8. |
| **Station 3: Cup-Magic**  Explanation: | Diagram with all labeled forces: |
| **Station 4: Newton’s Cradle**  Observe and record:  A.  B.  C. | Diagram with all labeled forces: |
| **Station 5: Round and Round They Go**  Observe and record:  Explain: | Diagram with all labeled forces: |
| **Station 6: With Great Force Comes Great Change**  Observations:  Explain: | Diagram with all labeled forces: |
| **Station 7: How Far?**  Marble 1: Distance box moved:\_\_\_\_\_\_\_\_\_\_\_\_\_  Marble 2: Distance box moved:\_\_\_\_\_\_\_\_\_\_\_\_\_  Marble 3: Distance box moved:\_\_\_\_\_\_\_\_\_\_\_\_\_  Explain: | Diagram with all labeled forces: |
| **Station 8: Remove the Coin**  Description of the process: | Diagram with all labeled forces: |
| **Station 9: Ordering Mass**  Order of boxes from most mass to least mass: | Description of your method: |
| **Station 10: Equal But Opposite**  Description of what happened when you relaxed your arm: |  |