Catapult Project

Use your computer to complete this page. Save in your Catapult Folder (in the O. Henry shared drive) along with all other files for this project.

Define the following terms. You may use a textbook or online research. Be sure to site your sources!

1. Newton’s 2nd Law of Motion­­­­­­­­­­­­­­­­\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

3. projectile

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4. angle of release

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5. torsion

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6. tension

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9. mangonel

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11. trebuchet

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12. ballista

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Short Answer – Use complete sentences

1. Where is potential energy found in your catapult?

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1. How does the length of the lever’s arm affect the catapult?

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1. What is the optimal angle for launching the ball?

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1. What will be your release mechanism?

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Write a step-by-step 3 week work plan for constructing your catapult.

Week 1

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Week 2

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Week 3

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