

September 28, 2012 –Staunton City Schools Tip Sheet

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SHELBURNE STUDENTS EXPERIENCE PHYSICS IN MOTION

Eighth grade science students in Mrs. Zawacki's class recently built mini paper trebuchets in class as part of their study of Newton's laws. A trebuchet is a lever device which uses a controlled weight and the force of gravity upon the weight, and when triggered, a lever arm transfers natural energy to generate amazing throwing power. The students used their mini trebuchets to launch beads, fuzzy balls, and glass marbles to see how $\text{Force} = \text{Mass} \times \text{Acceleration}$ are all related. Students then applied what they witnessed to Newton's laws of motion, and identified where each law comes into play with the trebuchet. The students greatly enjoyed this fun example of real life physics in motion.



Shelburne student, D. J. Wade,
works with his mini trebuchet .

LEE STUDENTS HOLD PEACE AWARENESS DAY

On Friday, September 21, 2012 the Robert E. Lee High School SADD Club (Students Against Destructive Decisions) celebrated and raised awareness for ONE DAY PEACE/International Peace Day. The International Day of Peace, also known as "Peace Day" was established by a United Nations resolution in 1981 and was first celebrated in September 1982. In 2002, the General Assembly officially declared September 21 as the permanent date for the International Day of Peace. Peace Day provides an opportunity for individuals, organizations and nations to create practical acts of peace on a shared date.

SADD Club sponsor, Mrs. Louise Pollak, who also teaches Biology at Lee High said, “The overall purpose is to promote global peace and reduction of worldwide violence.” The club’s event took place all over Lee High School, as students and staff wore peace attire on Friday, put up posters promoting peace, and wore various peace pins and stickers.