



Running head: Educational Impact of Physical Science

Running head: Educational Impact of Physical Science Education is a knowledgeable power that cannot be taken away from anyone. It influences everything in the world. Being an educator is planting seeds of knowledge into the future. Through different subjects, education informs people of their world today and how the world functions. Through Physical Science, students are able to notice how science is around them in everything they do.

When it comes to gravity, forces, and energy, the world functions the way it does. In education, physical science is seen through many topics such as energy and physics in general. During recess, students usually bounce balls on the basketball court or drop rocks from the top of the jungle gym without knowing they are using potential energy. Potential energy is "the stored energy an object possesses" (The Physics Classroom Potential Energy, p.1).

Teachers in school teach this topic in the ninth and twelfth grades but have been unconsciously learned since elementary school or earlier. By dropping a crayon or just by holding books, students use potential energy. According to an article chapter A Physicist's Musings on Teaching About Energy, "Energy is at the same time a topic of high relevance for our everyday life and one of the deepest and most subtle ideas of science", (A Physicist's Musings on Teaching About Energy, Helen R. Quinn). Teachers cannot go a day without teaching potential energy even if they did not have it on their lesson plan.

When a student is on a swing and jumps from the highest point, they have kinetic energy. Kinetic energy is "the energy of motion", (The Physics Classroom Kinetic Energy, p.1). Kinetic energy and potential energy coincide with each other. When a book falls from a desk, the energy that the book has falling down is kinetic energy. Since kinetic energy and potential energy work together, teachers cannot help but to teach both types of energy. Kinetic and potential energy are constantly happening in the classroom and outside the classroom.

According to the Office of Energy Efficiency and Renewable Energy, "Incorporating energy concepts in the classroom plays a significant role in helping students and teachers make informed decisions about advancing energy efficiency efforts in homes and communities", (Building Our Energy Future: Teaching Students the Significance of Energy Efficiency, Emily Mallory, p.7). Most students wouldn't even r

Physical Science Essay Topics

JG Myers



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