

Learning Physics Through Movement

presented by

DEEP VISION
dance company

Created by Artistic Director Nicole A. Martinell in collaboration with Physicist Dr. Svetlana Gladychева, "Learning Physics through Movement" is an arts integration program for K-12 students that shares innovative ways to explore and grasp physics concepts through the art of dance.

Concepts, such as inertia, force, and equilibrium, are introduced to students through creative movement classes, hands-on experiences, and performance excerpts. Students discover that physics describes our everyday lives and find joy in creating and learning.



The Lecture Demonstration

An interactive performance illustrating physics concepts through the art of dance - unique partnering, challenging balances, and swirling patterns.



The Choreography Workshop

Workshop explores the creative process by using physics concepts, such as equilibrium and center of mass, as a lens for dance making.

The Dance Class

Class uses dance improvisation, problem solving, and partnering activities to experience physics concepts.



The Movement Analysis Class

An interactive class analyzing body shapes and movement phrases using physics vocabulary.

Residencies are customizable and appropriate for novice to upper level dance and/or science students as well as for interdisciplinary settings.

For more information and/or to book a residency with Deep Vision Dance Company, please contact Artistic Director, Nicole A. Martinell at nicolemartinell@deepvisiondancecompany.org.

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Photos from top to bottom:
Lecture Demonstration at West Towson Elementary (by T.R. Masino)

(center left): Choreography Workshop at Seton Keough High School (by Serene Webber)

(center right): Dance Class at Seton Keough High School (by Serene Webber)

Movement Analysis Class at West Towson Elementary (by T.R. Masino)