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The Water Molecule: How Montessori High School, International Baccalaureate, and University Circle Bond to Form a Sustainable Molecule

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Using the water molecule as a metaphor, Marilyn Doerr presents a study of a Montessori high school that combines the elements of Montessori with International Baccalaureate (IB) and other institutions in the surrounding community that enrich the experience of the students. The pedagogy of the high school, she explains, must be based on an understanding of human development. As we see throughout this journal, when we think of human development at the high school level we must think of the adolescent developing their sense of social justice and personal dignity. Doerr explains some of the practices of the Montessori High School in Cleveland's University Circle, touches on brain development and the characteristics of adolescents, and finally explains how IB and local institutions enhance the development of the adolescent to achieve a sense of social identity and responsibility. A bibliography is included.

Descriptors: [High Schools](#), [Science Instruction](#), [High School Students](#), [Montessori Method](#), [Advanced Placement Programs](#), [Teaching Methods](#), [Adolescent Development](#), [Developmentally Appropriate Practices](#), [Brain](#), [Student Characteristics](#), [Identification \(Psychology\)](#), [Figurative Language](#), [Water](#)

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