Focuses on the importance of classroom design to the learning process of college students. Common complaints of students regarding classroom design and furnishings. A delightful read with great references.

Explores various dimensions and areas of development to gain a deeper understanding of the multiple ways in which college students interpret their academic experiences and how they learn. This article emphasizes a holistic perspective of learning and development. Guides teachers on creating inclusive and effective learning environments to increase students sense of self-authorship and internal authority.

This article compares outcomes of an open-inquiry and expository version of a chemistry lab at the university level. It focuses on students’ attitudes towards learning in each version. An interesting read.

A delightful read for all Harry Potter fans! This article analyzes the educational practices taking place in Hogwarts School, with references to educational philosophers. Sets the standard for a family type learning environment that promotes fun competition, while working toward a common goal. This article can teach Professor Snape-like teachers a thing or two.

This article discusses how service learning and science can be used together to enable students to manage their own learning. Links service learning activities to the science content standards.

This article focuses on the importance of using problem-based instruction in engaging students. It is a hands-on/minds-on approach where teachers act as coaches and facilitators. A good read for teachers at any level of education, with examples of problem-based instruction at the elementary, middle, and high school level.
Explores the use of problem based learning in a classroom to help students construct scientific thinking and problem solving skills. This particular article discusses its use along with a web-based science program. A good read for learning about PBL.

This article describes an inquiry-based science project, presents the professional development that supported it, gives recommendations to teachers of inclusive classrooms, and provides a practical checklist for program assessment. Abstract.

Discussions can be effective learning tools when designed properly. Provides a detailed description of types of discussion tasks and how to implement them in the classroom.

Discusses a holistic approach to teaching and learning, and the changes that need to occur in education to accommodate for the millennial generation.

This article explores the learning style preferences of achieving and underachieving gifted middle school students. An interesting study for current or pre-service teachers to read about accommodating learning styles to meet the needs of all students, particularly gifted students.

Scientific collaboratories provide student access to scientific instruments, data, and experts through the internet. This article addresses the hypothesis that students’ perceptions of the scientific collaboratory system will be influenced by their social interaction learning style preferences. Provides insightful information about its use for various learning styles and environments.

Outlines alternative approaches for service learning that connect college students to the community through project based learning. Allows students to analyze,
evaluate, and identify problems while engaging in reflective thinking. A way to substantially increase student and teacher motivation! A must read for any teacher who wants students to impart greater value in the community and a commitment to future involvement.