

## The Argumentation Toolkit



### ERN Item Type:

- Teacher Professional Development

### Organization:

Lawrence Hall of Science and Boston College

### Website Link:

<http://www.argumentationtoolkit.org/about.html>

### Description:

A collection of video and other resources developed by the Lawrence Hall of Science and Boston College can help middle level teachers understand and teach scientific argumentation, a key practice in the NGSS and the Common Core State Standards for English language arts. The toolkit breaks down the practice of scientific argumentation into four elements -- Evidence, Reasoning, Student Interaction, and Competing Claims -- and provides a series of instructional videos about each one. The videos present an overview of each element alongside classroom activities showcasing the element and strategies teachers can use to build student understanding through the element. In addition, teachers can access text-based strategy guides offering lesson plans to integrate argumentation into science lessons.

### Tags:

- [teachers resources](#)
- [teacher](#)
- [middle school](#)
- [6-8](#)