

MODULE 3: DISCIPLINE-SPECIFIC LITERACY FOR MATHEMATICS GRADES 6-12

Common Core Shifts for ELA/Literacy

1. **Building knowledge** through **content-rich nonfiction**
2. Reading, writing and speaking grounded in **evidence from text**, both literary and informational
3. Regular practice with **complex text** and its **academic language**

Module 1: 90 minute module designed to

What's In This Module?

1. Facilitator's Guide
2. PowerPoint Presentation
3. Hands-On Activities
4. Additional materials needed:
 - **Shift 2: 6-12 Building Knowledge In The Disciplines** Handout
 - Chart paper/markers
 - Report from Carnegie Corporation of New York's 4 Council on Adolescent Literacy (Pages 2-4/ Reading in Mathematics (12-15)
http://carnegie.org/fileadmin/Media/Publications/PDF/tta_Lee.pdf
 - Handout: Reading in the Disciplines 3-2-1
 - Handout: Birthday Paradox role play script
 - Copies of Smarter Balanced 11th Grade Mathematics Performance Task "Crickets"
 - Index Cards or slips of paper
5. Video Resources:
 - http://www.ted.com/talks/dan_meyer_math_curriculum_makeover.htm
 - <https://www.teachingchannel.org/videos/high-school-algebra-lesson>
6. Web Resources:
 - Web link:
<http://www.uwlax.edu/faculty/kosiak/projects/talks/wsraslides.pdf>

Using This Module

You are encouraged to customize any or all portions of this module to meet the needs of your audience. These modules are intended to fit into a variety of different professional development settings; below are suggestions for implementation depending on the time available. All times are suggested and be expanded to incorporate more discussion as needed. Any portions of this module may be modified, reproduced and disseminated without prior permission.

Background on the Delaware Department of Education Modules and the Common Core State Standards

This series of modules have been designed for educators to use to support the implementation of the Common Core State Standards. The modules have been designed by the members of the Delaware Reading Cadre in partnership with the Delaware Department of Education.