Chapter 2 Resources for Digging Deeper

The following resources provide additional information to help ensure that teachers grasp the content needs and have a plan for addressing them.

Content Background for Teachers

The *Focus in Grade* books by the NCTM (2008–2011) are available as grade-level resources with an emphasis on the mathematics and pedagogy of the Curriculum Focal Points, which emerge as the critical topics within the CCSS.

The *Essential Understanding* book series (NCTM, 2009–present) focuses on the important content of the elementary mathematics curriculum. The books address whole numbers, fractions, and much more.

The following review of research with suggested instructional practices is available online (http://ies.ed.gov/ncee/wwc/practiceguide.aspx?sid=15). The recommendations link closely to the fraction standards within the CCSS.

Learning Trajectories, Progressions, and Illustrative Tasks

The website of the Council of Chief State School Officers (www.ccsso.org) regularly releases the following:

*Progressions*—These papers discuss the content domain progressions from a learning hierarch perspective, presented according to domain (for example, “Number and Operations in Base Ten”)

*Illustrative tasks*—These sample tasks can be used to consider the intent of particular standards within the content domains.

