

Module 1
Participant Guide

Focus on Practice Standards

Section 4

Connecticut Core Standards for
Mathematics



Grades K–5

Systems of Professional Learning

Connecticut Core Standards Systems of Professional Learning

The material in this guide was developed by Public Consulting Group in collaboration with staff from the Connecticut State Department of Education and the RESC Alliance. The development team would like to specifically thank Ellen Cohn, Charlene Tate Nichols, and Jennifer Webb from the Connecticut State Department of Education; Leslie Abbatiello from ACES; and Robb Geier, Elizabeth O'Toole, and Cheryl Liebling from Public Consulting Group.

The Systems of Professional Learning project includes a series of professional learning experiences for Connecticut Core Standards District Coaches in English Language Arts, Mathematics, Humanities, Science, Technology, Engineering, Mathematics (STEM), and Student/Educator Support Staff (SESS).

Participants will have continued support for the implementation of the new standards through virtual networking opportunities and online resources to support the training of educators throughout the state of Connecticut.

Instrumental in the design and development of the Systems of Professional Learning materials from PCG were: Sharon DeCarlo, Debra Berlin, Jennifer McGregor, Michelle Wade, Nora Kelley, Diane Stump, and Melissa Pierce.

Published 2014. Available online at <http://ctcorestandards.org/>



Section 4

Section 4: Supporting Students to “Make sense of problems and persevere in solving them.”

Two Machines, One Job

(Van de Walle, Karp, and Bay-Williams)

Solve the problem below, first on your own and then with your group. Be sure that everyone presents their individual thinking before the group begins to work together. After your group has solved the problem, transfer your solution to the chart paper provided.

Ron’s Recycle Shop was started when Ron bought a used paper-shredding machine. Business was good, so Ron bought a new shredding machine. The old machine could shred a truckload of paper in 4 hours. The new machine could shred the same truckload in only 2 hours. How long will it take to shred a truckload of paper if Ron runs both shredders at the same time?

Classroom Environment that Supports Perseverance

Create a description of a classroom environment that supports perseverance.

