

Join the *Everyday Mathematics* Virtual Learning Community

VLC Quick Start

1. Go to <http://vlc.cemseprojects.org/>
2. Click the JOIN button in the upper right-hand corner of the home page.
3. Fill out the registration information. Select a username and password for the site.
4. Wait for an activation email to get started. If you don't get the activation email within an hour or so, email vlc@cemseprojects.org and request manual activation.
5. Log in with your email or username and password.

Resources Page

The Resources page will likely be your most-used page on the site. Here you can search for video clips, instructional tools, professional development tools, student work, and other elementary mathematics teaching and learning materials. You can:

- Browse by the most recently added materials.
- Browse by different categories listed towards the bottom of the page.
- Search for something specific using the search bar.
- Upload your own resources to share.

Once you find a resource you like, you can view it and leave comments on the resource.

Groups Page

The Groups page houses discussion groups on a wide variety of topics related to mathematics education. Some groups are private, but most are public. Try joining a group and participating in the discussion. The Groups page also has a summary of frequently-asked questions from *Everyday Mathematics* users in the UCSMP-EL Listserv Archives.

MyPage

MyPage is your personal page. Here you can edit your profile and bookmark VLC resources you want to remember for later.

VLC Scavenger Hunt

To get to know the VLC better, try completing all these tasks on your own:

- Watch one lesson video clip.
- Read the teacher commentary on a different lesson video clip.
- View one resource that is NOT a video clip.
- Read an ongoing conversation in the EM Discussion Group.
- Find the number of site members, videos, and documents on the site (there is an easy way to do this).
- Save resources you like to MyPage.

A Guide to Using VLC Resources in Professional Development (January 2013)

ASSESSMENT	
Recognizing Student Achievement Booklets (see example: http://vlc.cemseprojects.org/resources/1732)	Provides all the RSAs for 3 rd Edition and CCSS Edition in useful booklet format; can be modified/formatted to fit teacher's preferred schedule.
Amy's Centers and Differentiation Tour Video (http://vlc.cemseprojects.org/resources/2501)	Details how to use RSA activities as exit slips for summative and formative assessment. Also discusses use of assessment checklist.
Amanda's Record-Keeping Strategies (http://vlc.cemseprojects.org/resources/5392)	Explains strategies for keeping ongoing records of student progress and encouraging student ownership of their mathematical learning.
Formative Assessment in Gradual Release Explanation (http://vlc.cemseprojects.org/resources/2271)	Presents a user-submitted guide to formative assessment in gradual release of teacher responsibility.
"Reflecting on the Lesson" Video Clip (http://vlc.cemseprojects.org/resources/1812)	Showcases the use of student reflection to assess what they have learned about a concept or from a lesson.

DIFFERENTIATION	
Differentiation Menus (see example: http://vlc.cemseprojects.org/resources/1032)	Provides tools for differentiation by goals. Groups into "Readiness," "Extra Practice," and "Enrichment." Grades 1-5 are made.
Choice Boards (see example: http://vlc.cemseprojects.org/resources/1762)	Allows for independent work for half the class while teacher works with other half (or groups). Grades 3-4 made.
Visual Organizers (see example: http://vlc.cemseprojects.org/resources/1142)	Provides organizers that students can use to keep notes on math terms and concepts. Grades 4-5 made.
"Using gestures to understand data landmarks" Video Clip (http://vlc.cemseprojects.org/resources/2562)	Describes alternate, kinesthetic ways to help students learn and remember mathematical terms.
Amy's Centers and Differentiation Tour Video (http://vlc.cemseprojects.org/resources/2501)	Details use of exit slips for organizing centers the next day.

OPEN RESPONSE TASKS	
“Setting the Stage for an Open Response Assessment” Video Clip (http://vlc.cemseprojects.org/resources/3481)	Shows how the teacher sets up an open response task for a class and how he makes it an interesting task to pursue.
“Solving an Open Response Assessment” Video Clip (http://vlc.cemseprojects.org/resources/3492)	Shows open-response creative project work in a partnership. The partnership is not even; how might that affect assessment?
“Approaching an Open Response Assessment” Video Clip (http://vlc.cemseprojects.org/resources/3491)	Shows a mix of group conversation and discussion with teacher as a full group.

CLASSROOM ENVIRONMENT/MANAGEMENT	
Deborah’s Classroom Tour Video (http://vlc.cemseprojects.org/resources/2512)	Provides a range of information on managing the mathematics classroom, from checking out math games to take home, to learning songs for math, to having student “directors” and differentiation routines. Shows a lot of student ownership of classroom.
Heather’s Classroom Tour Video (http://vlc.cemseprojects.org/resources/2472)	Provides another classroom tour aimed at the primary mathematics classroom.
Katy’s Classroom Tour Video (http://vlc.cemseprojects.org/resources/2391)	Provides another classroom tour aimed at the physical space of the mathematics classroom.
Amanda’s Classroom Tour (http://vlc.cemseprojects.org/resources/5271)	Explains how a teacher sets up several key, nontraditional aspects of the Everyday Math classroom.
“Exploring the Calendar Routine” Video Clip (http://vlc.cemseprojects.org/resources/381)	Exhibits use of daily routines in Grade 1, as well as classroom management during a lengthy group time.
“Subtract the Number” Video Clip (http://vlc.cemseprojects.org/resources/2652)	Showcases an exemplary first-grade classroom environment in which kids are excited about and engaged in math.
“Doing the Daily Routines” Video Clip (http://vlc.cemseprojects.org/resources/3882)	Shows another engaging way of conducting the daily routines in Grade 1.

PROBLEM SOLVING	
“The Six Mile Problem” Video Clip (http://vlc.cemseprojects.org/resources/32)	Shows teacher technique of having students share different strategies, even once they have the same answer.
“Sharing Problem Solving Strategies” Video Clip (http://vlc.cemseprojects.org/resources/2941)	Illustrates extensive share-outs of problem solving strategies, before teacher lets anyone actually say an answer.
“Solving a Problem Using Estimation” Video Clip (http://vlc.cemseprojects.org/resources/1902)	Shows students sharing strategies for estimation to solve a word problem.
“Finding 4/7 of 56” Video Clip (http://vlc.cemseprojects.org/resources/2801)	Multiple solution strategies for a problem are highlighted.

WRITING IN MATHEMATICS	
Writing and Reasoning Prompts (see example: http://vlc.cemseprojects.org/resources/5182)	Include all the writing prompts that are paired with Math Boxes from both CCSS Edition and 3 rd Edition.
“Introducing the Math Message” Video Clip (http://vlc.cemseprojects.org/resources/2901)	Presents a possible way to routinely incorporate writing into math through composition notebooks.
Student Work Study Clip (http://vlc.cemseprojects.org/resources/5782)	A collection of student work showing different opportunities for students to write about mathematics.
Checking Station Reports (http://vlc.cemseprojects.org/resources/112)	Use of a “checking station” where students document their corrections in words.
Decimal Exit Slips (Grade 4 Lesson 4.2) (http://vlc.cemseprojects.org/resources/261)	Example of exit slips used for students to communicate their thinking in writing.
Amanda’s Classroom Tour (http://vlc.cemseprojects.org/resources/5271)	This classroom tour details using math logs to encourage students to write about mathematics.

TECHNOLOGY INTEGRATION	
“Using the Interactive Whiteboard” Video Clip (http://vlc.cemseprojects.org/resources/642)	Displays how an interactive whiteboard may/may not be different from and have advantages over a standard whiteboard.
“Representing a Fraction Problem with Pattern Blocks” Video Clip (http://vlc.cemseprojects.org/resources/2741)	Shows use of interactive whiteboard to share manipulatives with an entire class. Expands manipulative use past individuals or small groups.
E-Suite Cheat Sheet (http://vlc.cemseprojects.org/resources/3891)	Provides a handbook for getting acquainted with the <i>EM</i> E-Suite.
“Modeling a Division Problem” Video Clip (http://vlc.cemseprojects.org/resources/922)	Shows how interactive whiteboard can let students interact with the text of the problem and with visual organizers in order to communicate to a group.

CLASSROOM DISCUSSION	
SMP Label Book (see example: http://vlc.cemseprojects.org/resources/4472)	These books include guiding questions for the activities in each lesson based on the Standards for Mathematical Practice from the Common Core State Standards. These books can be printed onto labels that may be taped into the TLG.
“Questions Illustrating the CCSS Standards for Mathematical Practice” Video Clip (http://vlc.cemseprojects.org/resources/912)	This video clip shows a teacher using questions that probe the CCSS Standards for Mathematical Practice with first-grade students.
“Whole, Half, or None” Video Clip (http://vlc.cemseprojects.org/resources/3192)	This clip shows a discussion format that involves both individual answering and whole-group share-out.
“The Perimeter Problem” Video Clip (http://vlc.cemseprojects.org/resources/22)	Shows how a teacher facilitates whole-group discussion surrounding group presentation of solution strategies.
“Part-Part-Total Using Dominoes” Video Clip (http://vlc.cemseprojects.org/resources/532)	Example of whole-group discussion facilitation with younger kids. Also shows how a teacher navigates a bilingual classroom.
“Discussing a Fraction Misconception” Video Clip (http://vlc.cemseprojects.org/resources/3071)	Shows how to use a student’s response to spark discussion in the whole class and clarify the student’s thinking.

TEACHING FACTS AND ALGORITHMS	
"Beat the Calculator" Video Clip (http://vlc.cemseprojects.org/resources/2622)	This clip shows a nice implementation of a game designed to promote fact mastery.
"Teaching Equivalence" Video Clip (http://vlc.cemseprojects.org/resources/2692)	A clip that prompts discussion of how to solidify understanding of equivalence, which can aid fact mastery.
"Function Machines and Addition Facts" Video Clip (http://vlc.cemseprojects.org/resources/2702)	This clip shows a teacher encouraging students to look at what facts they know to see patterns.
"Discussing Turn-Around Facts" Video Clip (http://vlc.cemseprojects.org/resources/822)	This clip shows a teacher providing scaffolding questions in order to let a young mathematician discover turn-around facts.
Multiplication Facts Grid (see example: http://vlc.cemseprojects.org/resources/2481)	This is a user-created organizer for fact triangle mastery. May be less intimidating than a traditional multiplication table.
"Explaining Methods of Multi-Digit Addition" Video Clip (http://vlc.cemseprojects.org/resources/2592)	This clip shows how a teacher supports students as they share different algorithm strategies.

GAMES IN EM	
Games Day Tour (http://vlc.cemseprojects.org/resources/5251)	This teacher-created resource shows how teachers implemented a games day with primary students.
"Teaching Product Pile-Up" Video Clip (http://vlc.cemseprojects.org/resources/692)	View how a teacher sets up a game while involving students in the explanation and modeling.
"Beat the Calculator" Video Clip (http://vlc.cemseprojects.org/resources/2622)	This clip shows a nice implementation of a game designed to promote fact mastery.
"Playing Multiplication Top-It" Video Clip (http://vlc.cemseprojects.org/resources/361)	See a game in action and think about how students can support each others' learning during games and how a teacher might respond to student errors.
"Playing High Number Toss" Video Clip (http://vlc.cemseprojects.org/resources/42)	See how students share their strategies in their game-playing. Shows teacher-student interaction during a game.