Join us for TODOS LIVE!
A series of interactive on-line professional development sessions for members

**Multiplication from Concrete to Abstract**
Heather Navarro and Noel Villegas present a two-part session focusing on conceptual understanding of multiplication in grades 3-5.

**Part 1  Investigating with Concrete Models**
**Thursday, February 24, 2011**
8:30pm EST (5:30pm PST)
Learn how to analyze student work samples and dialogue to reveal English language learners' conceptual understandings of 2-digit by 2-digit multiplication.

**Part 2  Building the Bridge to Abstract Understanding**
**Thursday, March 10, 2011**
8:30pm EST (5:30pm PST)
This session will demonstrate a practical approach to using student work and dialogue in building a bridge to help students move from concrete models to abstract understanding.

**Target Audience**
Classroom teachers, coaches, administrators, curriculum coordinators, professional developers, and university/college faculty.

**Registration Information**
A limited number of seats are available so please register as soon as possible.
**Part 1:** [https://student.gototraining.com/2l8m2/register/8979111462795046400](https://student.gototraining.com/2l8m2/register/8979111462795046400)
**Part 2:** [https://student.gototraining.com/2l8m2/register/8567709396022475008](https://student.gototraining.com/2l8m2/register/8567709396022475008)
After registering you will receive a confirmation email containing information about joining the training. If you are unable to attend both parts, you can access the recording of the sessions through the TODOS website.

**Technology Requirements**
We will be using GoToTraining for these sessions. You will need a computer with a speaker and microphone or a computer and a separate telephone. For FrequentlyAsked Questions regarding GoToTraining, please go to [http://www.gotomeeting.com/fec/training/online_training_software_support](http://www.gotomeeting.com/fec/training/online_training_software_support).

**TODOS LIVE!** is a series of online professional development sessions designed by TODOS leaders to facilitate state and national conversations and on-going learning and communication experiences that connect the mission and goals of TODOS and the five NCTM foundational priorities: Equity; Curriculum, Instruction, and Assessment; Professional Development; Research; and Advocacy. These sessions are aimed at increasing the equity awareness of educators and their ability to foster students' mathematical proficiency in rigorous and coherent mathematics. **TODOS LIVE!** is sponsored, in part, by a grant from NCTM's Mathematics Education Trust (MET).

Additional sessions are scheduled for March and April. Check the TODOS homepage for more information.