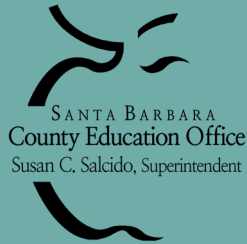


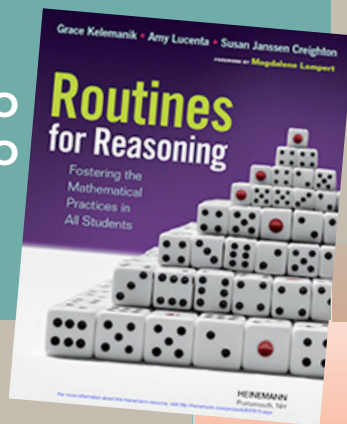
Fostering the mathematical practices in all students with special focus on English Learners and students with disabilities.

# Routines FOR Reasoning



SANTA BARBARA  
County Education Office  
Susan C. Salcido, Superintendent

with  
Lauren Aranguren, SBCEO  
& Rachel Fauver, SBCEO



**GOOD FOR ALL,  
NECESSARY FOR MOST,  
ESSENTIAL FOR A FEW.**

Mathematical language routines provide a gateway into learning for **ALL** students, especially English learners and students with disabilities.

The *Contemplate then Calculate* routine promotes structural thinking by teaching students to chunk, change, and connect to math they know.

*Capturing Quantities* develops students' quantitative reasoning by focusing their attention on important quantities and relationships in problems.

Both routines establish accessible structures that foster student discourse and support students in building critical mathematical thinking habits. The routines engage students by teaching them a sequence to follow and questions to ask in all problem solving situations.

**FOCUS:**  
Contemplate  
then  
Calculate

## AUDIENCE

K-12 General Ed and Special Ed teachers, coaches, specialists, co-teaching teams, and administrators

## DATE

Tuesday, Oct. 8, 2019  
8:30 a.m. - 3 p.m.

## LOCATION

Santa Barbara County Education Office - MTC

## COST

\$180/day (includes *Routines for Reasoning* book, breakfast, lunch and materials)

**FOCUS:**  
Capturing  
Quantities

## AUDIENCE

K-12 General Ed and Special Ed teachers, coaches, specialists, co-teaching teams, and administrators

## DATE

Wednesday, Feb. 26, 2020  
8:30 a.m. - 3 p.m.

## LOCATION

Santa Barbara County Education Office - MTC

## COST

\$180/day (includes *Routines for Reasoning* book, breakfast, lunch and materials)

For more information contact: Lauren Aranguren • [laranguren@sbceo.org](mailto:laranguren@sbceo.org); 805 964 4710 x5435

Register online at <http://sbceo.k12oms.org>