



# LAPDA

## Lamoille Area Professional Development Academy

*Bringing Best Practice to Vermont Students through Professional Learning for Vermont Educators*

### (Math Lab School)

# Diagnosis and Remediation of Learning Problems in Mathematics Grades K-5

Instructor: Professor Mahesh Sharma

Appropriate for K-4 educators, Special Educators

**Dates:**  
July 24-28, 2017

**Time:** 8:00-4:00pm

**Location:**  
Main Street Middle School,  
Montpelier, Vt

**Cost:**  
\$875 for members;  
\$1000 for nonmembers

\* An additional \$500 for  
optional 3 graduate credits  
from St Michael's College

**Registration:**  
[www.lapdvt.org](http://www.lapdvt.org)

**Call (802) 479-0900  
for more information**

### Course Description:

Many mathematics, classroom, and special education teachers have very little understanding or training in diagnosing and remediating mathematics learning problems, particularly the specific mathematics problems such as dyscalculia and mathematics anxiety. When so many children have difficulty in learning mathematics it is important for teachers to know how children learn mathematics, why learning problems occur and what they can do to help children learn mathematics more effectively. The goal of this course is to provide that information and training. The principles that guide this course are rooted in learning theories, special education, mathematics teaching and learning, and clinical practice in working with children and adults with learning problems in mathematics. In this course we will focus on mathematics learning problems, and specific disabilities such as dyscalculia. Therefore, teachers will examine and understand:

- How children learn key mathematics concepts, skills, and procedures
- Cognitive and affective skills and key processes important to effective and efficient learning and teaching of mathematics
- The impact of individual cognitive strategies and mathematics learning personalities on learning and teaching mathematics
- The nature of learning difficulties, problems and disabilities in mathematics that include dyscalculia, mathematics anxiety and mathematics problems due to dyslexia and dyspraxia

Visit our website for the latest course details and to Register: [www.lapdvt.org](http://www.lapdvt.org)  
Questions: [info@lapdvt.org](mailto:info@lapdvt.org) 802-479-0900