



## **MACHE 2009 Annual Conference Saturday Workshops**

**Workshop:** Teaching Mathematics with Art (...or Is It Teaching Art with Mathematics?)

**Speaker:** Thomas Clark, President of VideoText Interactive

**Session:** V **Time:** 1:30 p.m.

Thomas Clark is the Author of  
“Algebra: A Complete Course”, and “Geometry: A Complete Course”

### **I. INTRODUCTION**

#### **A. The Whole Child**

- 1.
2. (Participants will look at the universality of education)
- 3.

#### **B. Current Technology**

- 1.
2. (Participants will begin to tie Interests together with technology)
- 3.

#### **C. Visual Clarity**

### **II. CONNECTIONS**

#### **A. The Arts as Science**

#### **B. The Sciences as Art**

#### **C. The Masters**

#### **D. Sports**

### **III. EXAMPLES**

#### **A. Three Basic 3-Dimensional Forms**

(Participants will learn to draw the three basic art forms)

#### **B. Transformations**

(Participants will learn to construct the basic geometric operations)

C. Tessellations (Tiling)

(Participants will learn to draw simple tessellations)

D. Area Formulas

(Participants will use art to develop Basic geometric formulas)

**IV. THE MESSAGE**

A. Beauty in Art (in Math)

B. Curriculum

C. Never forget the whole child