

Visual Note-Taking for Educators

A TEACHER'S GUIDE TO STUDENT CREATIVITY

Introduction

Chapter One: What Is Visual Note-Taking?

Mythbusting

What is Edu-Sketching?

How Does Edu-Sketching Work?

Why is Edu-Sketching Important for Our Classrooms

Edu-Sketching in MY Classroom?

Build on What You and Your Students Already Know

Chapter Two: The Neuroscience of Visual Learning

Preassessment Questions

Our Amazing Brain

Brain-Imaging Techniques

Brain Structure

The Biology of Learning

Why is This Knowledge Important to Us As Educators?

Brain Cells

Electrical Basis

Action Potential

Why is This So Important to Know?

Chapter Three: All Hail the Visual

I See What You Mean

The Complexity of Simple Sketches

A Nod to the Past

Where Have All the Visuals Gone?

Actively Engage Our Visual Minds

If It Works For Adults

Power of Visuals

The Memory Palace

The McGurk Effect

Emphasize the Reason Why

Icons and Symbols

Metaphors
Idioms
Visual Resonance
Mirror Neurons
Wait Time and Reflection
Movies in Your Mind

Chapter Four: You Know the Reason Why—Now Let's Get Started

Favors I Ask of You
Ready, Set, Draw
Pattern Seeking
Start Easy
Take a Cultural Look
Tell Me More About How Edu-Sketching Benefits My Students

Chapter Five: On the Path to Seeing and Understanding Differently

Return to Information Over Time
Slow Down
Time it Right
Develop Strong Relationships with Students
Establish Relevance
Listening
Speaking
Reading
Rereading
Idea Catchers
Writing
Synthesize and Summarize
Sequencing
Thinking
Other Takeaways Based on My Experiences

Conclusion

Appendix A: Brain-Imaging Techniques

Appendix B: Cellular Phases During Development

Appendix C: Content Area Sketches

Index