**Marzano’s Nine Essential Strategies**

3 groups for application

1. **Creating an Environment for Learning**
   1. Setting Objectives and providing feedback
      1. Within 48 hours and be specific
   2. Reinforcing effort and providing recognition
      1. Teach students the relationship between effort and achievement
      2. Specific praise aligned with expected performance
   3. Cooperative Learning
      1. 3 to 5 students
      2. Use criteria to group students
      3. Define roles
      4. Utilize group NORMS
2. **Developing Understanding**
   1. Cues, Questioning and Advance Organizers
      1. Hint and Triggers
      2. Wait time
      3. Asking inferential questions
      4. Asking analytical questions
   2. Advance Organizers
      1. Graphic – visual
      2. Expository – description
      3. Skimming – quick read
      4. Narrative – story format
   3. Non-Linguistic Representation
      1. Virtual models
      2. Kinesthetic activities
      3. Drawing pictures, illustrations
      4. Story telling
      5. Manipulatives and models
   4. Summarizing and Notetaking
      1. Teacher models rules of summarizing
      2. Use summary frames
      3. Student reciprocal teaching
      4. Provide teacher prepared notes with processing opportunities
   5. Providing Practice
      1. Research shows that students need to process something up to 24 times to achieve 80% proficiency.
3. **Extending and Applying Knowledge**
   1. Identifying Similarities and Differences
      1. Venn Diagrams
      2. Analogies and Metaphors
   2. Generating and Testing Hypothesis
      1. Predictions
      2. Application to real world concepts/problems
      3. Brainstorming/Troubleshooting