

## CRITICAL THINKING

### Beyond Bloom: Types of Thinking

**Comparison:** Describes the similarities and differences between two or more items

**Classification:** organizing objects into logical categories based on specific characteristics

**Induction:** Create a generalization from implicit or explicit information then describe the reasoning behind it

**Deduction:** Identifying explicit or implied generalizations or principles ; then describing possible consequences

**Error analysis:** Identifying and describing types of errors in information

**Constructing support:** Developing a well-articulated argument for or against a claim

**Abstracting:** identifying and explaining how the abstract pattern in one situation is similar or different from abstract pattern in another situation

**Analyzing perspectives:** Considering the reasoning behind perspectives

**Decision making:** Selecting among apparently equal alternatives

**Investigation:** Close examination and systematic inquiry

**Problem solving:** Developing or testing a method or product

*Marzano, Pickering & McTighe, 1993*