An Outline of Sister Miriam Joseph's $The\ Trivium$

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I. The Liberal Arts

- A. Trivium pertains to mind
 - 1. Logic
 - 2. Grammar
 - 3. Rhetoric
- B. Quadrivium pertains to matter
 - 1. Arithmetic
 - 2. Geometry
 - 3. Astronomy
 - 4. Music
- C. Language Arts the correct and effective use of language
 - 1. Phonetics how to combine sounds and form spoken words properly
 - 2. Spelling how to combine letters and form written words properly
 - 3. Grammar how to combine words to form sentences properly
 - 4. Rhetoric how to combine sentences into larger structures
 - $5.\ Logic$ how to combine concepts in a truthful, reasoned way

D. Norms of Language Arts

- 1. Correctness the norm of phonetics, spelling, and grammar
- 2. Effectiveness the norm of of rhetoric
- 3. Truth the norm of logic

II. The Nature and Function of Language

A. Means of Communication

- 1. **Imitation** an artificial likeness, for example:
 - a. Paintings
 - b. Photographs
 - c. Statues
- 2. Symbol an arbitrary sign upon which meaning is imposed
 - a. Common a symbol of a common language (e.g., English)
 - b. Special a symbol of a specialized language (e.g., chemistry)

B. Terms of Essence

- 1. Essence that which makes a being what it is
- 2. Species the set of all beings sharing an essence
- 3. Genus a set of more than one species
- 4. Aggregate a set of more than one individuals

C. Imposition and Intention

- 1. Imposition
 - a. Zero imposition discussing properties of a sign other than its meaning
 - b. First imposition using a word only in relation to its meaning
 - c. Second imposition refers both to the sign and the meaning (grammar)
- 2. Intention
 - a. First intention refers to reality
 - b. Second intention refers to the concept (logic)

III. General Grammer

A. Categorematic vs. Syncategorematic Words

- 1. Categorematic words significant by themselves
 - a. Substantives nouns, pronouns
 - b. Attributives verbs, adjectives (primary); adverbs (secondary)
- 2. Syncategorematic words only significant in combination with other words
 - a. Definitives articles, pronomials
 - b. Connectives prepositions, conjunctions
 - c. Copula connects subject and predicate

B. Substantives

- 1. Concrete vs. Abstract
 - a. Concrete an existing object (e.g., "woman")
 - b. Abstract a conception (e.g., "femininity")
- 2. Characteristics of Substantives
 - a. Number (singular or plural)
 - b. Gender (masculine, feminine, neuter)
 - c. Person
 - (1) First person speaker
 - (2) Second person receiver of speech
 - (3) Third person person spoken of
 - d. Case
 - (1) Nominative performs the action
 - (2) Genitive possessor
 - (3) Dative the term to which the action proceeds
 - (4) Accusative receives the action

C. Attributives

- 1. Verbs
 - a. Express an attribute with a sense of time; make an assertion
 - b. Transitive verbs flow from subject to object; intransitive verbs stay with the agent
 - c. Tense temporal relation between the act and its being spoken of
 - d. Mood expresses relation between subject and predicate
 - (1) Indicative expresses a matter of fact
 - (2) Potential expresses a possibility
 - (3) Interrogative requests information
 - (4) Volitive expresses a wish or desire
- 2. Verbals
 - a. Do not assert or express mode
 - b. Infinitives standard dictionary form of a verb (e.g., "to take")
 - c. Gerunds end in "-ing" and function as nouns
 - d. Participles end in "-ed" or "-ing" and function as adjectives
- 3. Adjectives Unlike verbs or verbals, adjectives express attributes with no notion of time
- 4. Adverbs Secondary attributives in that they modify primary attributives (e.g., verbs and adjectives)

- D. **Definitives** single out an individual ("this") or group ("those")
- E. Connectives connect words and sentences
 - 1. Prepositions connect words and show their relation (e.g., "in" or "behind")
 - 2. Conjunctions join independent clauses or sentences
 - a. May **conjoin**, that is, join sentences and meaning (e.g., "and")
 - b. May **disjoin**, or join sentences but not meanings (e.g., "but" or "or")
- F. The Pure Copula links a subject with a predicate (e.g., "The book is on the table.")

IV. Terms and Their Grammatical Equivalents

- A. Empirical vs. General Terms
 - 1. Empirical terms designate a specific individual or group (e.g., "This cat is purring")
 - 2. General terms signify something universal or essentials (e.g., "Cats purr")
- B. Positive vs. negative terms (e.g., "awake" vs. "unawake," "blue" vs. "non-blue")
- C. Concrete vs. abstract terms (e.g., "human" vs. "humanness")
- D. Absolute vs. relative terms
 - 1. Absolute terms can be understood on their own ("man", "woman")
 - 2. Relative terms come as pairs and are understood in relation to each other ("husband", "wife")
- E. Collective vs. distributive terms
 - 1. Collective terms apply to a group as a single entity ("The platoon marched its way north.")
 - 2. Distributive terms apply to a group's individual members ("The platoon marched their way north.")
- F. Extension and Intension
 - 1. Extension refers to the complete set of objects to which a term applies (prime numbers are 2, 3, 5, 7, 11...)
 - 2. *Intension* refers to the essential meaning (prime numbers are numbers greater than 1 whose factors are only 1 and themselves)
- V. Propositions and Their Grammatical Expression
- VI. Relations of Simple Propositions
- VII. The Simple Syllogism
- VIII. Relations of Hypothetical and Disjunctive Propositions
 - IX. Fallacies
 - X. A Brief Summary of Inductions
 - XI. Composition and Reading