1. Definition
2. History of Mathematics
3. Branches of Mathematics
4. Indirect Preparation
5. Two Main Difficulties
   i. Understanding Quantity
   ii. Working with Large Numbers
6. Mathematics in the Montessori Environment
   a. Four Natural Tendencies
      i. Order
      ii. Exactness
      iii. Abstraction
      iv. Calculation
   b. Fundamental Abilities
      i. Discrimination
      ii. Recognizing Similarities and Differences
      iii. Constructing and Comparing a Series
      iv. Finding Relationships
      v. Understanding Terminology
7. The Montessori Math Materials
   i. Numbers 1-10
   ii. Decimal System and the Four Operations
   iii. Counting
   iv. Memorization
   v. Passage to Abstraction
   vi. Fractions
8. The Mathematical Mind/Conclusion

Reading:
Montessori, Maria, *Discovery of the Child*, Chapter 19