



REFORMED CHURCH UNIVERSITY

**FACULTY OF EDUCATION AND SOCIAL SCIENCES
MASTER OF EDUCATION DEGREE IN EARLY CHILDHOOD
DEVELOPMENT**

MATHEMATICS AND SCIENCE INTRUCTION

MECD 204

PART 2 SEMESTER 1 EXAMINATION

TOTAL MARKS [100]

DATE: DECEMBER 2022

Time: 3 Hours

INSTRUCTIONS

1. This paper has *five (5)* questions
2. Answer any *three (3)* questions
3. Each question carries *100 marks*
4. Start each question on a new page

1. Discuss the implications of the constructivist views to mathematics and science teaching and learning. (100)
2. Mathematics and science mastery is hinged on the teacher. Analyse the conceptual position with reference to grade two class. (100)
3. Effective Mathematics and Science tuition leads to abstraction. Evaluate the statement in the context of a grade one learners. (100)
4. Examine the interplay between concrete media and models in ECD mathematics and science teaching and learning context. (100)
5. Theory informs tuition. Analyse the statement with reference to grade one Mathematics and Science. (100)

End of Paper