

Lecturer



Mr. James Mackay

BScHons(Rhodes), Msc((Wits)

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PROFILE

Research Interests: Gender and Science, Gender and technology, Preconceptions in electricity, Understanding electrical diagrams, Learners ideas about mechanics
Learners ideas about the earth.

Teaching interests: Basic current electricity, Electricity and Magnetism, Electronics and Electrical Technology, Modern Physics and Mechanics
Geology and Space Science.

Community Engagement: The Inanda Project (Learner development programme); The INK project (teacher training and learner development programme); Informal workshops for teachers and schools in teaching electricity and electronics in the greater Durban area FFS EXPO for young scientists.

Other Involvements: Writing textbooks and Materials: Grades 4-6 technology (Cleverbooks); Grades 4-6 Natural Science (Cleverbooks); Grade 8 Natural Science (Cleverbooks); Grade 9 Technology (Cleverbooks)
Levels 2,3 & 4 Physical Science for FET Colleges series (Nasou).

Publications: None Stated