

List of Figures

Figure 3.1. Developmental trend in subjects' performance across the four grades on Experiment 1.....88

Figure 3.2: Developmental trend in subjects' performance across the four grades on Experiment 2106

List of Tables

Table 3.3.1. Situation 1. Questions of Experiment 1: Circles Tasks.83

Table 3.3.2. Situation 2. Questions of Experiment 1: Circles tasks.84

Table 3.3.3. Overall total numbers of competent responses to both *situation 1* and *situation 2* questions by subjects from across the four Grades86

Table: 3.3.4. Means and standard deviations of each Grade87

Table 3.3.5: Results of the ANOVA procedure on Experiment 1: Circles Tasks.87

Table 3.4.1. Summary of the subjects' overall response patterns on Classification and Generalization tasks.104

Table 3.4.2. Means and standard deviations of each Grade104

Table 3.4.3. Results of the ANOVA procedure on Experiment 2: Classification and Generalization tasks.105

Table 4.1.1. The dominant modes of classroom practice in South African Black primary schools, prior to the introduction of the country's new curriculum framework.117

