

TABLE OF FIGURES

Figure 2.1. Basic diagram of conceptual integration	13
Figure 2.2. Displacement waves in tubes	16
Figure 2.3. Closed pipes are placed next to sound sources which can be varied by adjusting the amplifier	17
Figure 2.4. Longitudinal waves in tubes	17
Figure 2.5. Standing wave of fundamental from closed pipe	18
Figure 2.6. Standing wave of first overtone from closed pipe	19
Figure 2.7. Standing wave of second and third overtone from closed pipe	19
Figure 3.1. Scheme of research procedure	26
Figure 4.1. Bar chart of experimental class pre test data	34
Figure 4.2. Bar chart of control class pre test data.....	35
Figure 4.3. Bar chart of experimental class post test data.....	37
Figure 4.4. Bar chart of control class post test data	38
Figure 4.5. Bar chart of student learning activities	39