ABSTRACT

The purpose of this study is to investigate the present situations, influences on different personal backgrounds and relevant situations of Energy Saving and Carbon Reduction knowledge, attitude and behavior of fifth and sixth-grade in Changhua county with On-line questionnaire. The study employed SPSS V12 statistical software to analyze the data with basic descriptive statistics, independent t-test, one-way Anova, and Pearson's correlation analysis. The conclusions are as follows: Gender characteristics influence Energy Saving and Carbon Reduction attitude and behavior of fifth and sixth-grade students in Changhua county. Difference Graders characteristics influence Energy Saving and Carbon Reduction knowledge of fifth and sixth-grade students. Family's social economic status influence Home Environment of Energy Saving and Carbon Reduction. Family's social economic status influence Energy Saving and Carbon Reduction knowledge of fifth and sixth-grade students. Home Environment characteristics influence Energy Saving and Carbon Reduction knowledge, attitude and behavior of fifth and sixth-grade students. Class Environment characteristics influence Energy Saving and Carbon Reduction knowledge, attitude and behavior of fifth and sixth-grade students. Energy Saving and Carbon Reduction knowledge, attitude and behavior are mutually related.

Keywords: Environment of Energy Saving and Carbon Reduction, Knowledge, Attitude, Behavior

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