

**The impact of using video technology on
teaching the properties of materials for the first
grade secondary vocational school students
(An experimental study in Damascus Governorate)**

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Abstract

The purpose of the study is to identify the effectiveness of the use of video in teaching vocational courses, in particular the course in the properties of materials for the first grade secondary vocational schools in the city of Damascus. An experimental study for comparing the use of traditional methods and the use of the education, at video was carried out.

The sample of the study included first-grade students in the secondary vocational industrial 86schools of Damascus as hollows.

- The first section included 44 students, who were taught conductive material unit via the video technology.
- The second section included 42 students, who were taught the same subject according to the traditional method.

The researcher then conducted a test to assess the extent to which each of the two sets of teaching methods used was effective. The finding of the

study show:

- 1 - The effective use of video in teaching the unity of conducive material.
- 2 - There are significant differences between the mean scores of students in favour of the experimental group at the significance level (0.01), which indicates the effective use of video in teaching.
- 3 - There are significant differences between the mean scores of students in pre and post test in the control group, in favour of the post test at the significance level of 0.01, which confirms the effectiveness of using video in teaching the unity of conducive material.

For the paper in Arabic see pages (537-538)