Abstract of Study

The current study aimed to identify the physical level of literacy to the scientific eleventh grade students. To achieve this, the problem of the study has been identified by asking the next main question:

What are the physical dimensions of literacy included in the platform for the content of physics for the scientific eleventh grade students? And how students acquire it?

The main question mentioned above has the following sub-questions:
1- What are the physical dimensions of literacy to be available in the platform for the content of physics for the scientific eleventh grade students?
2- How to ensure the content of physics for the scientific eleventh grade students of the physical dimensions of literacy?

To answer these questions, the hypotheses of the study have been formulated as follows:

- There is no statistically significant differences at the level of significance ($\alpha \leq 0.05$) between the level of physical literacy to the eleventh grade students and the level of proficiency 75%.
- There is no statistically significant differences at the level of significance ($\alpha \leq 0.05$) in the level of physical literacy to the eleventh grade students attributable to sex (male, female)?

In order to answer the study questions and verification of the premises, the researcher used the descriptive-analytical method, and prepared a list of the dimensions of physical literacy. The researcher also prepared a test of physical literacy that has been judged by experts, and then applied the test on a pilot sample of (30) students from the scientific eleventh grade students to calculate the truth and consistency and the difficulty and discrimination for them. The study sample was selected to include (300) students, male and female students from scientific eleventh grade students from Shuhada'a Rafah Secondary School for boys and Al-Quds Secondary School for girls, and those students have been selected randomly and physical literacy test was applied on a sample survey at the end of the second semester of the academic year (2008 – 2009), and then test results were collected to confirm the validity of the hypotheses. Several statistical methods had been used to analyze the data, including percentages and frequencies, test (t) of the independent samples and the results were as follows:

1- the level of physical literacy to the scientific eleventh grade students is less than the limit required of the scale that is 75% of the total mark for the measurement for the physical literacy.
2- the study proved that there is no statistically significant differences between the level of physical literacy to the scientific eleventh grade students due to the factor of sex (male, female) with average of male students (20,526%), and the average grades of female students (20,781%), while the general average of the degrees of students equal to (20,65%).

The researcher has made several recommendations based on the results of the study, which may contribute to create physical literacy to the students.