

## ABSTRACT

This study aims at identifying the level of the alimentary literacy among the ninth grade students and science textbook's content.

The problem was stated in the following major question:

To what extent does the science syllabus of the upper primary stage contain the dimensions of the alimentary enlightenment? To what extent do the students of the ninth grade acquire it?

### **Sub-questions were derived from the main question:-**

- 1 - What are the dimensions of the alimentary enlightenment that should be available in the content of science textbooks for upper primary stage?
- 2 – To what extent does the content of science textbooks for upper primary stage contain alimentary enlightenment?
- 3 - To what extent do the ninth grade students acquire the alimentary enlightenment?
- 4 - What is the trend's level of the ninth grade students Statute towards a proper alimentary?

### **To answer these questions the researcher has formulated the following hypotheses:**

- 1 – Alimentary knowledge and skills mastery's level among the ninth grade students don't reach the level of (75%).
- 2 - Trend towards alimentary among ninth grade students doesn't reach the level of (75%).
- 3 - There are no significant differences in the alimentary knowledge and skills mastery's level due to gender among the ninth grade students?
- 4 - There are no significant differences due to gender in the level of the trend towards alimentary among ninth grade students?

For answering the questions of the study, the researcher adopted the descriptive analytical approach. Where, he prepared a list of the dimensions of the alimentary enlightenment and validated it. A test was conducted on a pilot study of (30) male and female students to measure the validity, stability and difficulty. The researcher used a designed trend model to measure the trend's level which was conducted on a sample of (231) male and female students from the ninth grade from Abdulla Abu Sita Primary boys school, Umm Salama Primary Girls school who were randomly selected. Alimentary enlightenment test was conducted on the sample of the study at the second semester (2008/2009). Data were collected and test

was analyzed to ensure the hypotheses where percentages, repetitions and T – test for independent samples were used and showed the following results:-

1- The level of the alimentary enlightenment among the ninth grade students is below the required basic competence for the measurement of (75%) from the total marks on the scale of the alimentary enlightenment.

2 - The results of the study, the first dimension and on the "knowledge of food," ranked first with a percentage weight of (27.26%), followed by the third dimension and on the ""understanding the influence of alimentary science", ranked second with a percentage weight of (20.28%), followed by the second dimension and on the "eating habits" ranked third in with a percentage weight of (18.06%), followed by a fifth dimension and on the "decision-making" with a percentage weight of (15.24%), followed by the sixth dimension and on the "food and the importance" ranked fifth with a percentage weight of (10.81%), and was ranked sixth and the fourth dimension on " alimentary issues" with a percentage weight of (4.90%), and finally came at seventh dimension of the seventh and on the "food in Islam," a relative weight of (3.42%), and the degree of enlightenment diet as a whole by (49.37%).

3 - The study proved that there were significant differences between the level of alimentary enlightenment among the ninth grade students due to the factor of gender (male & female), the significance was in favor of females with average grades(29.18%) while the males got (22.09%). While the overall average grades of students equal to (25.64%)

4 - The study proved that there were significant differences in the level of the trend towards alimentary among the ninth grade students due to the factor of gender (male & female), the significance was in favor of females with average grades (23.67%), while the males got (22.80%). While the overall average grades of students equal to (23.28%)

The researcher suggested several recommendations based on the results of the study, which may contribute to the alimentary enlightenment among the students