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وزارة التعليم العالي والبحث العلمي

جامعة بغداد

كلية التربية - ابن الهيثم

**فاعلية اسلوب القراءة الموجهة في التحصيل  
والفهم القرائي لمادة علم الاحياء لدى  
طالبات الثاني متوسط**

رسالة مقدمة

الى مجلس كلية التربية / ابن الهيثم في جامعة بغداد

وهي جزء من متطلبات نيل درجة الماجستير في التربية

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من

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بإشراف

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# **The effectiveness of directed reading in comprehending biology material and reading comprehension for second class secondary female pupils.**

Submitted to the board of education (Ibn AL- Haitham) University of  
Baghdad the dissertation presented as a partial fulfillment of the  
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## Research Summary

This research aims to identify:-

- 1- The effectiveness of directed reading in comprehending biology material for second class secondary female pupils.**
- 2- The effectiveness of directed reading in understanding the reading of biology material for second class secondary pupils.**

In order to verify the achievement of the two aims of the research two zero theories have been formulated:-

**1-**There is no significant statistic difference at the indication level (0.05) between the average marks of the pupils in the experimental group who will study according to the directed reading method and the average marks of the control group who will study the normal way to comprehend.

**2-**there is no difference in the statistic indication at level (0.05) between directed those who will study by directed reading and the average marks of the pupils in the control group who will study the ordinary way in comprehensive reading.

The research was applied in Al- Tequdum intermediate school for girls/education directorate/ Al-Kharkh3. This school was chosen on purpose for the experiment, the sample consisted of (68) pupils were randomly chosen class (E) consisting of (34) pupils. The experimental group who studied according to directed reading , and class (A) consisting of (34) pupils being the control group who will study the ordinary way. The two research groups were equalized in the following variables (age, intelligence, past comprehension-, past information) . The researcher studied the two research groups after defining the scientific material which included the seventh ,eighth and ninth chapters from

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The second class intermediate biology book, The special behavior proposes of the chapters were defined which reached (167) behavior proposes. A teaching plan was then prepared for both research groups (the experimental group according to directed reading) and (the control group by the ordinary way), then preparing a table of specifications to test comprehension and questions were prepared according to bloom`s three levels (recollection, comprehension and application) and depending on determining the number of questions which are (50) test items of the multiple type and to check the apparent validity the comprehension test was shown to a group of specialized experts and for the truth of the contents using a table of specifications and it was applied to two exploration samples. The first exploration sample in order to know the clarity of the item and the answer time. The second exploration sample is to extract the scicometric characteristics by extracting the difficulty coefficient, distinction power and the efficiency of alternatives, then extracting the constant depending on the equation ( coder-richerson-20), the test constantsty reached(0.84).

On the other hand for the reading comprehension test the researcher prepared (7)tests which are:-

- 1- Synonymous test**
- 2- Negative test**
- 3- Word arranging test**
- 4- Adjectives and substantive noun test**
- 5- Completing tables test**
- 6- Drawing test**
- 7- Indication test**

To check the ( apparent) validity the comprehension test was shown to a group of specialized experts in the educational section the applying it on the two

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exploration samples, the first to verify the clarity of the items and the time to answer the items, the second exploration sample for extracting the difficulty coefficient, distinction power, also the constant which was extracted reached (0.94).

The researcher applied the experiment in the second school semester 2010-2011. The experiment continued one whole school semester, as the experimental group studied according to directed reading and the control group by the ordinary way. After the experiment ended the comprehension test and the reading comprehension test were applied on the two research groups.

After correcting the answers and treating them statistically using (t-test) for two independent equal samples.

The results showed that the experimental group that studied according to directed reading excelled over the control group by the ordinary way in every comprehension and reading comprehension (The effectiveness of directed reading in comprehension and reading comprehension for second class intermediate pupils).

The researcher reached a group of recommendations to use the directed reading method in teaching the different educational materials for intermediate level, and suggest studying the directed reading method for males.