

ملخص الدراسة باللغة الإنجليزية

Executive Functions and its Relation to Reading Comprehension Strategies of English Language in Secondary School Students

The aim of the study :-

The study aimed at :

1. Exploring reading comprehension strategies of English as a foreign language for secondary school students .
2. Exploring the effect of executive functions on the frequency of using reading comprehension strategies of English as a foreign language for secondary school students .
3. Exploring the effect of executive functions on the variety degree of using reading comprehension strategies of English as a foreign language for secondary school students .
4. Exploring the effect of executive functions on the efficiency degree of using reading comprehension strategies of English as a foreign language for secondary school students .

The study questions :

1. What are the reading comprehension strategies of English as a foreign language of secondary school students .
2. Does EFL reading comprehension strategies frequency vary according to the executive functions level ?
 - Does EFL reading comprehension strategies frequency vary according to every executive function level (planning-initiation-materials organization –emotional control-working memory-inhibition-shifting-monitoring) ?
3. Does EFL reading comprehension strategies variety level vary according to the executive functions level ?
 - Does EFL reading comprehension strategies variety level vary according to every executive function level (planning-initiation-materials organization –emotional control-working memory-inhibition-shifting-monitoring) ?

4. Does EFL reading comprehension strategies efficiency level vary according to the executive functions level ?
 - Does EFL reading comprehension strategies efficiency level vary according to every executive function level (planning-iniation-materials organization –emotional control-working memory-inhibition-shifting-monitoring) ?

Procedures :-

Participants :-

- They included (124) first grade secondary school students ,first year ,with(15.93) mean and (0.26) standard deviation , from Fayoum governorate schools .

Materials :-

The researcher administered the following materials :-

- 1- Behavioral Rating Inventory of Executive Functions(BRIEF): ,translated by the researcher, which includes the following subscales :
 - Planning scale
 - Iniation scale
 - materials organization scale
 - emotional control scale
 - working memory scale
 - inhibition scale
 - shifting scale
 - monitoring scale
- 2- Reading comprehension test of English as a foreign language : prepared by the researcher
- 3- Think aloud protocol: prepared by the researcher

Statistical Techniques :-

The researcher employed the following techniques :-

1. Qui Square
2. The "T" test

Study Results :-

The results of the study clarified :-

1. First grade secondary school students used cognitive strategies ,then meta cognitive strategies ,then support strategies ,and finally affective strategies in reading English .
2. Students with higher level in executive functions used the EFL reading comprehension strategies more frequently than the lower group .

3. Students with higher level in every executive function used the EFL reading comprehension strategies more frequently than the lower group .
4. Students with higher level in executive functions varied in their use of EFL reading comprehension strategies than the lower group .
5. Students with higher level in every executive function varied in their use of EFL reading comprehension strategies than the lower group .
6. Students with higher level in executive functions were more efficient in using the EFL reading comprehension strategies than the lower group .
7. Students with higher level in every executive function were more efficient in using the EFL reading comprehension strategies than the lower group .