^{*}Dr. / Eman Ahmed Maher Introduction and research problem:

The world is witnessing an IT revolution in this century in all areas of knowledge, and this enormous revolution makes it imperative for educational institutions to reconsider the foundations of the selection,

Planning and construction of the curriculum and methods of dealing with the knowledge, in terms of teaching methods, style of students and teachers deal with it.

And constructivist theory is one of the cognitive theories that had occupied the attention of researchers in the field of scientific research for many years,

And grew out of the ideas and methods of

teaching varied methods. (10:23)

discipleship of The apprenticeship cognitive approach educationally, is considered model of a education, including offer of for practical steps the application of realism cognitive theory.

Where it works to engage the learners in work tasks within a real learning environment, And noteworthy

That the application of cognitive style apprenticeship is not an act to be implemented in a piecemeal fashion, and making sequential and gradual steps to achieve the goal of knowledge

This is what sparked the motivation about

^{*} Assistant in the Department of Curriculum and Instruction professor of Physical Education, Faculty of Physical Education for Girls (Helwan University)

choosing the subject of research as the material (Healthy culture) which inherently interesting. because it's teaching the students bodily information and useful in modifying habits behavioral, but the reality proved that taught like any decision of my college still depends on the lecture and memorization. and of the most prominent disadvantages negative students and the abolition of incentive. the and save information and replicated without understanding.

While the teaching using cognitive style apprenticeship, which depends on the style of selfguided discovery and the application depends on the participation of students positively effective in building experience.

Aim of the research:

The research aims to identify the impact of the use of cognitive style apprenticeship on the academic achievement of the health education curriculum.

Research hypotheses-:

There are statistically significant between the average level students the control group differences (which studied the traditional way), and the average level students of experimental Group studied using (cognitive apprenticeship method) in academic achievement with the subject of health education in the post test.. **Experimental Group**

Terms which used:

Cognitive apprenticeship, academic achievement

Find measures:

Research Methodology:

Researcher relied on the experimental method and that the two groups, the control group and the other experimental.

The research community: Consists of all students the first year, Faculty of

Education, University of King Faisal. Enrolled academic year of 2014 and their number (270) students. **The research sample:**

The research sample included on (60) Student, were selected from a random way the research community, and that the rate of (30) students (as a control), and (30) students (as a group trial.)

Adjust the variables of the sample individuals:

It has operations parity for members of the experimental group and control group for the following variables as follows:

Table (1)

Significant differences between the two groups (control group – experimental) In variables (age - length – weight)

Value	The experimental group n = 30		The c group	control o n = 30	Variables	S.
(1)	у	Х	У	Х		
0.569	0.421	21.194	0.456	21.256	Age	1
0.714	2.327	164.327	1.765	164.215	Height	2
0.706	2.126	60.322	1.326	60.134	Weight	3

Value (T) Driven at the abstract level (0.05) = 1.984

It's seen from the above table (1) that

there are no statistically significant differences between the control group and the experimental group in each of the age, height and weight differences, indicating the homogeneity of the research sample.

Research procedures and tools:

-Planning teaching style using cognitive apprenticeship:

-Preparation Teacher's Guide

-Achievement test

Exploratory experience:

- In order to check the picture for the final test grades, determine the answer to questions from the test time

Table (2)

Ease, difficulty and discrimination of the group exploratory transaction values (N = 15)

Discrim ination	Difficulty	Easy	s.	Discrim ination	Difficulty	Easy	s.
0.13	0.87	0.13	16	0.06	0,93	0.07	1
0.35	0.67	0.33	17	0.19	0.80	0.20	2
0.49	0.53	0.47	18	0.13	0.87	0.13	3
0.35	0.67	0.33	19	0.13	0.87	0.13	4
0.49	0.53	0.47	20	0.35	0.67	0.33	5
0.55	0.47	0.53	21	0.35	0.67	0.33	6
0.49	0.53	0.47	22	0.06	0.93	0.07	7
0.19	0.80	0.20	23	0.49	0.53	0.47	8
0.19	0.80	0.20	24	0.55	0.47	0.53	9
0.35	0.67	0.33	25	0.55	0.47	0.53	10
0.49	0.53	0.47	26	0.19	0.80	0.20	11
0.06	0,93	0.07	27	0.62	0.40	0.60	12
0.55	0.47	0.53	28	0.62	0.40	0.60	13
0.35	0.67	0.33	29	0.49	0.53	0.47	14
0.49	0.53	0.47	30	0.13	0.87	0.13	15

Trust test- :

There is an agreement between experts about the validity of the test application

Stability testing- :

Richardson Coder test equivalent was calculated for reaching the standard deviation (1.34), and the arithmetic average (3.05), and reached reliability coefficient (67). It is the stability coefficient can be trusted

Table (3)

Consistency between the first application and the second application in final test account The group's exploratory using Pearson's correlation coefficient)N = 15)

Value (r)	The se applic	econd ation	The first application		
	У	x /	У	x /	
0.897*	2.511	27.95	2.756	26.69	

Value (t)	Tabulated	at the	abstract level	(0.05=)
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The previous table shows (3) that there is a positive correlation between the D the first application and the second application, which shows the stability of the responses of the students on the test results.

Application search experience:

Basic experiment was performed according to plan for the time units educational decision culture, health and so the rate of (12 weeks - a weekly lecture) to the content of the Platform 6 instructional units

Posterior measurements-:

The researcher tested after each lecture experimental and control group (interface tests)

Then the researcher to conduct a final test on the course units of the control and experimental groups on 01.08.2015, and compare the results of control and experimental groups in the final exam

(end of the school year.)

Statically treatments -In order to achieve the goal of Find researcher used Arithmetic mean (-standard deviation -value of the significance differences Analysis of variance –

significant coeffici	interpretati	of	the		
and difficulty coeff	results:				
Presentation	and	First: Resu	lts:		
discussion	and	-Interface	tests	of	the
		Scholastic u	nits (6	units)

-The final test (30 degrees.)

Table (4)

Statistical description of the control group in the six chapters scheduled tests The ultimate test (N = 60)

Sprains	Splaying	standard deviation	SMA	Tests
- 0.658	0.478	1.814	6.816	Test the first chapter
- 0.407	- 1.167	2.244	5.003	Test Chapter II
0.153	- 0.786	1.913	6.997	Test Chapter III
- 0.628	0.564	1.622	6.712	Test Chapter IV
0.543	- 0.146	1.275	6.119	Test Chapter V
0.587	0.690	2.061	6.869	Test Chapter VI
- 0.112	0.032	3.165	20.694	The final test (30 degrees)

Table shows (4) that the highest arithmetic average of the scores of female students was in Chapter III test (6.997), while the lowest average in the second test (5.003), in addition to that all transactions values splaying confined sprains 3 +/ -Which between indicates that the sample is distributed distribution equinoctial area under the which curve. shows the homogeneity of the sample.

Table (5)

Statistical characterization experimental group in the six classes scheduled tests The ultimate test (N = 60)

Sprains	Splaying	standard deviation	SMA	tests
- 0. 234	- 0.796	1.721	8.956	Test the first chapter
- 0.495	0.288	1.007	7.799	Test Chapter II
- 0.686	- 0.312	1.264	8.994	Test Chapter III
- 0.237	- 0.824	1.132	9.000	Test Chapter IV
- 0.345	- 1.229	0.987	8.476	Test Chapter V
- 0.489	- 1.214	1.334	9.121	Test Chapter VI
- 0.486	0.248	2.146	27.887	The final test (30 degrees)

Table (5) shows that the highest arithmetic average of the scores of female students was in Chapter VI test (9.121), while the lowest average in the second test (7.799), in addition to that all transactions values splaying sprains confined between +/-3 which indicates that the sample is distributed distribution equinoctial area under the curve, which shows the homogeneity of the sample.

Table (6)

Significant statistical differences between the control group and the experimental classes in the six scheduled tests

Value (T)	The expe group	The experimental group N = 60		ontrol group N = 60	Maps	s
	у	x /	у	Х		
* 8.496	1.721	8.956	1.814	6.816	chapter One	1
* 13.783	1.007	7.799	2.244	5.003	Chapter II	2
* 7.244	1.264	8.994	1.913	6.997	Chapter III	3
* 10.214	1.132	9.000	1.622	6.712	Chapter IV	4
* 12.628	0.987	8.476	1.275	6.119	Chapter V	5
* 9.783	1.334	9.121	2.061	6.869	Chapter VI	6

Value (T) Driven at the abstract level (0.05) = 1.984

The table shows (6) experimental group in all existence seasons of the six the of tests on significant for statistically scheduled the differences between the experimental group. control the group and

Table (7)

Significant statistical differences between the control group and the experimentalIn final test (30 degrees) with decision

Value (T)	The experimental group N = 60		The control group N = 60		Maps
	У	X	У	X	
14.211 *	2.146	27.887	3.165	20.694	The final test of the seven maps (30) degree

Value (T) Driven at the abstract level (0.05) = 1.984

The table shows (7) and no statistically significant differences between the control group and the experimental group in final test article for the experimental group.

Second, discuss and interpret the results:

The results (Table 4) that the highest arithmetic average of the scores of female students was in Chapter III test (6.997), while the lowest average in the second tests (5.003.) The table also shows (5) that the highest arithmetic average of the scores of female students was in Chapter VI test (9.121), while the lowest average in the second tests (7.799)

The table shows the results (6) that there are significant differences between the control group and the experimental group in all seasons of the six tests of material differences in favor of the experimental group.

As it turns out the results table (7).there are significant differences between the control group and the experimental group in the final test of the material for the experimental group differences

And agree the results of the current study with the results of each of the studies (Soha Mahmoud Sabri 2012 - Atef Mohammed Saeed 2010 - Chan Chan, G 2009) that there are significant differences Betwen experimental group and the control group for the experimental group 'where The results of the study "Soha Mahmoud Sabri 2012 "indicates that there are significant differences to the averages of the collection experimental group students who learned using cognitive apprenticeship method for the experimental group, while the results of a study" Atef Mohammed Saeed

2010 "referred the to superiority experimental studied group using strategies Reciprocal Teaching and cognitive apprenticeship is due this superiority to the nature of the experimental treatment, where helped the use of strategies to available of active participation to know themselves, as it help for positive interaction between teacher and student. and students and each other at a height level of achievement they have 'noted the results of the study of "Chan Chan, superiority of G 2009" experimental group where the use of the cognitive apprenticeship them more interesting to learning the language than before, and advanced academic achievements, not only in reading, but in the other language skills. as demonstrated excellence in testing а remarkable achievement, as well as in their ability to speak and toning and mother tongue. While the results of the current study are consistent with the results of each of the studies (Gautier and 2011 Susan Solomon _ Mahmoud Sajad Abu thrown away in 2011 _ Osaaa Hamid Mahmoud. 2010)that the use of cognitive apprenticeship approach has positive effect in the a of knowledge acquisition and the use of mental processes' where The results of the study "Osaaa 2010 "to the existence of the proposed educational for other programmer in levels of knowledge and performance piece, at the significance level (0.05) due for program content cognitive apprenticeship as a model to teach, and how employed in educational operation activation through the statistically presence of significant differences

between the two groups in favor of experimental group , to suggesting of the two strategies' while The results of the study "Susan 2011" to the superiority of the male and female at the level (0.05)in acquiring the ability to solve problems in the science curriculum where it is due to the use of cognitive apprenticeship style 'while the results of the study agreed with them, "Gautier and Solomon 2011" in success -oriented knowledge (cognitive apprenticeship method) and that education was useful in setting goals, and that the shares and dynamically in the acquisition of knowledge and the use of mental processes.

Research findings:

In light of the objective of the research and verification imposed in the light of possible statistical treatments used to arrive at the most important 288 -

researcher the following conclusions:

The highest arithmetic average of the grades students in the control group was Chapter III test (6.997), while the lowest average in the second tests (5.003)

2 .The highest arithmetic average of the grades students of the experimental group was in Chapter VI test (9.121), while the lowest average in the second tests (7.799.)

significant 3 There are differences between the control the group and experimental group in all six chapters' curriculum tests for the experimental group differences.

4 .There are statistically significant differences between the control group and the experimental group in the final test with the decision in favor of the experimental group.

Find recommendations:

Based on the results of the study were the following recommendations put

Researcher Curriculum 1 officials and creators recommends adopting the of cognitive style apprenticeship in the curricula because of its positive impact on learning and the collection of the students think they have urged

2 researchers recommend more research on the cognitive style of apprenticeship and its application in teaching other decisions on multiple seminars and stages.

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