

# The effect of application computer in homeland education of students

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**Abstract** □ With the coming of the age of the knowledge economy, the role of computer was important in instruction of elementary school. This study was to explore application computer in homeland education of students. We want to discuss “The effect of application computer Website in homeland education of students”? The study was to interview and investigate students in elementary school. The almost of students indicated that they used application computer was ‘Helpful’ in their homeland education.

**Keywords:** Application computer, Website;

**Subject** Computer Application in Young Child Education

## 1. Introduction

With the coming of the age of the knowledge economy, the role of computer was important in instruction of elementary school. The computer is a tool to regard as promotes of the organization potency and the efficiency. Application computer is important in elementary school. Mary teachers use computer to instruction in Taiwan. Computer played an important role in the success instruction. Studies indicate that as online information resources proliferate, college students are making fewer visits to the campus library to retrieve information, and that their use of the World Wide Web as an information resource is increasing overall (Lubans, 1998, Miriam, Andrew, & Lara, 2003 ; Pew Research Center, 2002; Shackelford, Thompson, & James, 1999).

This study was to explore application computer in homeland education of students. We want to discuss “The effect of application computer Website in homeland

education of students”?

Application computer in education includes accessed via the Internet, that provides access to documents, multimedia files, and Web sites. Thus, we will search for the effect of application computer Website in homeland education of students which we have mentioned above.

## 2. Application computer in learning

The Internet is used increasingly for educational purposes. Many school are requiring students to have computers to take information of Web sites, and many educators are incorporating the Web into their curricula (Gunaratne & Lee, 1996; Miriam, Andrew, & Lara, 2003 ; Perry, Perry, & Hosack- Curlin, 1998; Pew Research Center, 2002; Sutherland & Stewart, 1999).

In Taiwan, elementary school with multimedia teaching tools to use by teachers. Many students can application computer to research knowledge and

information.

### 3. Internet / Website

The "Internet" refers to the physical infrastructure of interconnected computers, cables, and other devices that serves as the infrastructure for global communication. The "Web" refers to a system of computers ("servers"), utilizing graphical user interfaces and accessed via the Internet, that provides access to documents, multimedia files, and Web sites, that are connected by hyperlinks to other documents, multimedia files, and Web sites [Miriam, Andrew, & Lara, 2003].

R.Oliver & A.Omari 2001 indicated the network science and technology expanded student's study field of vision and help the student to obtain a more widespread information.

Unlike most other mass media, the Web has few centralized information filters relative to the amount of information available (Flanagin & Metzger, 2000; Johnson & Kaye, 1998; Miriam, Andrew, & Lara, 2003; Rieh & Belkin, 1998).

In Taiwan, the teachers of elementary school encourage students use Web to learn. Web and Internet is popular for students. Therefore, the Website of homeland education is important sources of elementary school.

### 4. Samples

This study sample is a seed of elementary school students in Kaohsiung county, Taiwan. The seed of elementary school is provided with funding about computers and Internet, which goal was to construct Website of homeland education, and these schools with funding must hold classes about

### 5. Research objectives and method

The study was to interview students in elementally schools. The point of

interview was to explore the effect of application computer Website in homeland education of students. We adopt semi- structured interview to investigate 38 students of three elementally schools.

### 6. Results

Table 1 was the result from our survey and interview with students. Of the 38 faculty completed the survey and interview. At least 36(95%) indicated that they can get homeland history knowledge from application computer Website;. At least 35(92%) indicated that they can get homeland cultural knowledge from application computer Website; At least 34(89%) indicated that they can homeland environment knowledge from application computer Website; At least 34(89%) indicated that they can homeland community knowledge from application computer Website; At least 35(92%) indicated that they can homeland festival knowledge from application computer Website; At least 36(95%) indicated that they like to application computer Website to get homeland information; At least 35(92%) indicated that they can understand the design form of homeland Website; At least 34(89%) indicated that they can understand the mean of photos and writing explanation; At least 36(95%) indicated that they can application computer homeland Website to learn is interesting; At least 38(100%) indicated that they can operate Web of homeland Website.

As follows ware interview results [

It needs multiple skills to learn homeland Website, including basic computer operating skills, foundational word processing and drawing abilities. Students learn compound computer applied skills through application computer teaching.

Based on what students sharing

about how they learned, we can know that they learn a lot of skills about computer software application, and it also enhances their abilities in computer operating. Therefore, students are able to learn compound computer skills through homeland Website.

According to what student talk about their learning experiences, it shows that the connection between the homeland Website and student's life experiences promotes learning interests.

this subject curriculum. Moreover, students also feel cheerful about the achievement they made, and are much more confident. According to what students said, students were very interested in learning of homeland Website, and put many efforts into the process. So, a well-planed subject can help students feel more interested and confident in learning.

Students are all highly interested in  
Table 1 Result of survey and interview

Items Description	Survey results	Frequency/ Percent	Interview tendency
1. You can get homeland history knowledge from application computer Website.	YES	36 (95%)	Internet Web Use computer institute Operate computer skills On-line information Use Website experience
	NO	2	
2. You can get homeland cultural knowledge from application computer Website.	YES	35(92%)	Operate computer skills On-line information Use Website experience
	NO	3	
3. You can get homeland environment knowledge from application computer Website.	YES	34(89%)	Operate computer skills On-line information Use Website experience
	NO	4	
4. You can get homeland community knowledge from application computer Website.	YES	34(89%)	Operate computer skills On-line information Use Website experience
	NO	4	
5. You can get homeland festival knowledge from application computer Website.	YES	35(92%)	Operate computer skills On-line information Use Website experience
	NO	3	
6. You like to application computer Website to get homeland information.	YES	36 (95%)	Operate computer skills On-line information Use Website experience
	NO	2	
7. You understand the design form of homeland Website.	YES	35(92%)	Operate computer skills On-line information Use Website experience
	NO	3	
8. You understand the mean of photos and writing explanation.	YES	34(89%)	Operate computer skills On-line information Use Website experience
	NO	4	
9. Application computer homeland Website to learn is interesting.	YES	36(95%)	Operate computer skills On-line information Use Website experience
	NO	2	
10. You can operate Web of homeland Website.	YES	38(100%)	Operate computer skills On-line information Use Website experience
	NO	0	
Total		38	

## 7. Conclusion

The purpose of this research is to explore application computer in homeland education of students. We interview students to get the data and do the analysis. The conclusions are following: 1) homeland education Website can develop students' ability in application computer. 2) combines the computer skills and life experiences. 3) can elevate students' interests and confidence.

According to the results, we can understand the application computer Website in learning is loved by students, who can easily learn multiple skills through the process of homeland education. Besides, if the contend makes connection with life experiences, it would also elevates students' learning interests. The conclusions of this research can be the references for elementary schools application computer in learning, and offers an experience for students application computer in learning.

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