**Lee, C. , & Chen, H. (2000). A new efficient retrieval interface for primary school students. *Proceedings from the International Conference on Mathematics/Science Education and Technology,* 250-255.**

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The authors state that there is a wealth of information available on the Internet, and contend that users are able to conveniently get their desired data online. Nevertheless, they maintain that primary school students find it challenging to efficiently find the exact information they need by using some keywords to do conventionally searching.

To this end, they propose a new retrieval interface, called leading-question retrieval interface as a solution for the aforementioned problem. They state that this system will present questions to students, and analyze their answers in a bid to understand

their queries. They contend that this will omit the difficult task of choosing proper keywords.

The authors conducted a study using vertebrates as the subject, and propose that: (a) primary school students who use the leading-question retrieval interface to retrieve information online will have a better computer attitude than those who use the full-text retrieval interface, (b) the retrieval precision of the retrieved data for the primary school

students who use the leading-question retrieval interface will be better than the one for those who use the full-text retrieval interface, (c) the retrieval recall of the retrieved data for the primary school students who use the leading-question retrieval interface will be better than the one for those who use the full-text retrieval interface.

The authors report that the computer attitude of primary school students who use the leading-question retrieval interface is better than that of students who use the full-text retrieval interface. They also found that the retrieval precision of leading-question retrieval interface for the primary school student is better than that of full-text retrieval interface. In addition, the retrieval recall of the primary school students who use the leading-question retrieval interface to retrieve information is better than that of those who use the full-text retrieval interface.