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Web Quest Assignment 5

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## **Standards**

Benchmark MA.D.1.3.2: The student creates and interprets tables, graphs, equations, and verbal descriptions to explain cause-and-effect relationships

Benchmark MA.A.1.3.1: The student associates verbal names, written word names, and standard numerals with integers, fractions, decimals; numbers expressed as percents; numbers with exponents; numbers in scientific notation; radicals; absolute value; and ratios.

Benchmark MA.A.3.3.3: The student adds, subtracts, multiplies, and divides whole numbers, decimals and fractions, including mixed numbers, to solve real-world problems, using appropriate methods of computing, such as mental mathematics, paper and pencil, and calculator.

Benchmark MA.A.4.3.1: The student uses estimation strategies to predict results and to check the reasonableness of results.

## **Link**

<http://questgarden.com/45/79/1/070120175316/t-index.htm>

## **Description**

The WebQuest “Buying your own home”, is an activity designed for high school math students. It requires the students to research local mortgage rates, various loan options, estimate income & calculate a monthly budget, down payment amounts, and display data using tables and graphs on Excel. This WebQuest is a good activity that creates a real life activity for the students, requiring them to apply previous math and technology skills. Teaching in a one-to-one school allows me a little more flexibility to incorporate activities like this into my curriculum. Instead of devoting two whole instructional periods for the students to work on

this activity I would spread it out over a month. We always have a few students who fly through their assignments or take tests faster than others. Activities like this are a great way to keep them on task while learning valuable life lessons.

On a side note – I found ThinkFinity a lot easier to navigate through. It had more modules and the simulations appeared to be great learning tools.