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WebQuest Project  
CIT 747 – Telecommunications in Education  
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1. My Microscopic Zoo WebQuest was created for middle school life science students; however, it can easily be adapted for older students. The subject addresses the classification of living things – microscopic living things. The three main tasks are to use the microscope correctly to identify four organisms in a water sample, use the resources to identify those organisms, and then present findings to the class. According to the WebQuest Taskonomy students will be performing two types of tasks when completing this WebQuest. They are completing a scientific task as they master the use of the microscope and identify organisms, and they are completing a creative task as they make a presentation of their organisms.

2. <http://coe.nevada.edu/scarter/mymicroscopiczoo>

3. Two educators evaluated my site. I took their suggestions into consideration. I added color to the page, even though I liked it white, because I was told that the students would probably like some color. I also tried to shorten the teacher section as I was told that it was overwhelmingly long. It was also suggested that I make each section its own page and put the table of contents on the side to narrow the text and to prevent scrolling through one large page. I will certainly do that – as soon as I find out how. ☺

4. According to the official WebQuest Rubric, I would give my WebQuest a B- (41/50). It falls short in some areas, but considering the specific audience I wrote it for, that does not bother me.

5. A large amount of time and energy went into this WebQuest. I had been thinking about it all semester and was looking forward to creating it. I think it is great because it is not one of those assignments where students spend a week in the lab researching a topic. It is an integration of science and technology that is fun and educational. I took my students' favorite lab (looking at Protists) and turned it into a WebQuest.

I wrote it for my ELL 6<sup>th</sup> graders, but it can be used by so many more audiences. That is why I made the worksheets editable. It can easily be used by high-school science classes, technology classes and hopefully biology students at college. It affords the opportunity of creating a multimedia presentation that can be linked to the site and viewed by other microscopic enthusiasts.

Because I didn't want to deal with copyright issues, I spent hours recording creatures and creating my own images to use on the site. They are not as fabulous as those I could have borrowed from other sites, but they are a real example of what the students will be seeing inside their microscopes – dirty lenses and all! I also made an example presentation of a microscopic zoo and am working on two more. I hope some advanced classes or technology courses will be interested in my WebQuest so that we can fill it up with microscopic zoos from across the country.