

| Virtual Math Tutor | |
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| Objective | The students will learn how to use Facebook Chat by using it as a way to receive tutoring. Each student will be assigned math homework in which they must then receive or give math help through Facebook Chat. |
| Learning Environment | The students will work individually at a personal or lab computer. They will use Facebook Chat through Facebook on the internet. |
| Types of Students | The students will be in secondary education and in a math class. |
| Standards | Engineering and Technology Education: (Understand the integrated relationship of technology with other academic fields, particularly language arts, math, science, and social studies.) MS.3 Engineering and Technology Education: (Work cooperatively and productively in groups to design and use technology to solve technological problems.) MS.5 |
| Materials | Personal or lab computer with internet access, Facebook Chat, classmates, and math homework. |
| Procedures | <ol style="list-style-type: none"> 1. The teacher will assign math homework for the students each day the class is in session. He or she will also assign each student the evenings in which they will sign on to Facebook Chat. 2. If the students are not already users of Facebook Chat, they will sign up for it and learn how to use it. 3. After the students have attempted or completed the math homework for that day, they must then sign on to Facebook Chat on their assigned days. Depending upon whether they understood the homework or not, they will either give or receive help. 4. The students will write a 1-2 sentence summary about the help that they gave or received below each corresponding problem. |
| Application | After learning how to use Facebook Chat, the students will use the program to tutor each other in math. |
| Evaluation | The students will write a 1-2 sentence summary of the problems in which they gave or received help. They must also complete all problems of the assignment or points will be taken off. 1 points for each summary 2 points for each problem |