

Team 4 – Whack Whack Math Attack User Guide

1. Installation

Run the WhackAMath.exe installer program. This will install the main game program, the school board viewing program, and the database server. It will also place shortcuts for the game and school board viewing program on the desktop.

2. Starting the database server

The school's I.T. Department should set up a centralized server for the school. This server will store the data for every class and student. They should also set up the needed teacher accounts and class names using the default "Admin" account.

To start the server:

1. Click on the Database Server icon in the start menu
2. The server must always be running in order for the students to play the game, the teachers to view student's history, and the school board to view the class statistics.

To add or delete teachers:

1. Run the main game program and login using the default login of "Admin" and password "Admin".
2. To add a teacher, select the "Add New Teacher" button and fill in the pop-up box to add a new teacher.
3. The new teacher's password will be set by default to their name.
4. The new teacher's password can be set manually by the Teacher.
5. To delete a teacher, select the teacher's name and then click the "Delete Teacher" button.

3. Teacher's class setup

When the Teacher runs the program for the first time, there will be no students on the login screen. To add a new student:

1. Select the "Teacher Login" button in the bottom right-hand corner.
2. Enter the teacher name and password in the pop-up box.
3. The instructions for the "Students" tab are displayed.
4. Select the "Add Student" button near the bottom of the screen.
5. Fill in the pop-up box with the student's name.
6. Select OK to add the student to the class list.
7. To save the changes to the class list select the "Save" button near the bottom of the screen.
8. To exit out of the Teacher screen, select the "Return to Login" or "Quit" button.

3. Playing as the new Student

Once the Teacher screen has closed, the login screen will reappear and the new student will show up in the list of students. To play as this student:

1. Move the mouse over the student's name.
2. A list of three games will be displayed, select a game to play.
3. The game will display the rules and how to play the game.
4. As the game is played, the score will be displayed in the bottom left-hand corner.
5. To exit the game at any time, select the "Quit" button in the right-hand corner of the screen.
6. When the "Quit" button is selected, a certificate of the student's performance during the current game is displayed.

7. The game will then return to the login screen.

4. Viewing the Student's history

To view the student's history:

1. Log into the Teacher screen using their login and password.
2. Select the Student's name from the class list.
3. The student summary is displayed in the top part of the screen.
4. The student history is displayed under the “-Student History-” heading.

5. Adding new Questions

To add new custom questions for the students:

1. Log into the Teacher screen using their login and password.
2. Select the “Questions” tab.
3. The detailed instructions are displayed and the teacher can add, edit, or delete any questions.
4. When they are finished, select the “Save” button near the bottom of the screen.
5. To exit out of the Teacher screen, select the “Return to Login” or “Quit” button.