

WAMP Server Installation Guide

1. Download WAMP server

- Go to <http://www.wampserver.com/en/>
- Versions 2.0 and 2.1 have been tested with MathFax. Earlier or later versions of WAMP may cause errors with the software.
- **IMPORTANT:** Save the file to the C:\ drive
- An icon for the WAMP server will appear on the taskbar

2. Change PHP settings – errors will not be displayed on the browser while the WAMP server is being accessed by the MathFax software

- Left click on the WAMP icon
- Go to PHP -> PHP settings
- Click on “display errors” so that a checkmark does not appear next to it

3. Change httpd.conf – only if it is necessary to change the server name and/or port. If Microsoft IIS Server is installed, this step will most likely be necessary.

- Left click on the WAMP icon
- Go to Apache and click “httpd.conf”
- In the “httpd.conf” file, go to Edit -> Find, type in “Listen” and click “Find Next”
- You should see an uncommented line (one not preceded by a semi-colon (;)) that says “Listen 80”. Change the “80” to any open port.
- In the same file, go to Edit -> Find, type in “ServerName” and click “Find Next”
- You should see an uncommented line (one not preceded by a semi-colon(;)) that says “ServerName localhost:80”. “Localhost can be changed as necessary. Regardless of changing “localhost”, the “80” must be changed to the new port.

4. Left click on the WAMP icon in the taskbar and select “Put Online.” The icon should turn green, indicating that the server is now online.

MySQL Installation Guide

1. Go to the following folder: C:\wamp\bin\mysql\mysql5.5.8\bin

- Right click on the application entitled “mysql” and select “copy”
- Return to the C:\ folder and paste the “mysql” application

2. Access the MySQL console through the command line

- This can be done going to Start -> Run and typing in cmd
- If the directory on the command line is not set to C:\, change it to this directory.
- Type in “mysql –u root –p” (without quotations) and press enter twice. Disregard the “Enter Password:” prompt.

3. Create a database administrator for MathFax:

- The username is "mathfaxadmin".
- The password is "admin".
- This can be achieved by the two following MySQL commands:

Create user 'mathfaxadmin'@'localhost' identified by 'admin';

4. Leave the command line open. It will be used while installing the MathFax software.

MathFax Installation Guide

1. Open the MathFax disc and unzip the MathFax folder.

2. Place this folder in your "C:/wamp/www/" folder.

3. Take the backup.sql file and place it on the "C:/" drive (Not in a folder).

4. Return to the command line you left open while installing MySQL.

- Type in "source C:/backup.sql" and press "Enter"
- MySQL is now populated with the MathFax database.

5. Grant the MathFax database administrator (created during MySQL installation) access to MathFax with the following command:

Grant all on mathfax.* to 'mathfaxadmin' identified by 'admin';

5. Change "connection.php" file

- Go to C:\wamp\www\mathfax\ and open the file "connection.php"
- On the line beginning with an "@" symbol, you should see four comma separated values within parentheses.
- The first of these values determines the server where the MathFax database is located. Within the single quotes, enter the correct server name.

Internet Browser Installation Guide

1. MathFax supports Google's Chrome and Apple's Safari browser.

- Google Chrome can be found at www.google.com/chrome
- Apple Safari can be found at www.apple.com/safari

2. Mozilla's Firefox browser is also supported, but the layout will appear slightly different than it appears in Chrome and Safari.

- Mozilla Firefox can be found at www.mozilla.com/firefox

3. Internet Explorer is not supported.

4. Turn off AutoFill – this will prevent students from seeing previously entered information.

In Chrome:

Click the wrench in the upper right corner next to the address bar.

Go to Options -> Personal Stuff (tab) -> uncheck “Enable Autofill to fill out web forms in a single click.”

In Safari:

Go to Preferences -> AutoFill -> uncheck “Other Forms”

In Firefox:

Go to Firefox (Tools) -> Options -> Privacy -> uncheck “Remember search and form history.”

5. Opening MathFax in the browser

- In the address box, type in: “name of the server/mathfax”.
- “name of the server” refers to the server’s name. Contact an administrator to determine the server’s name.