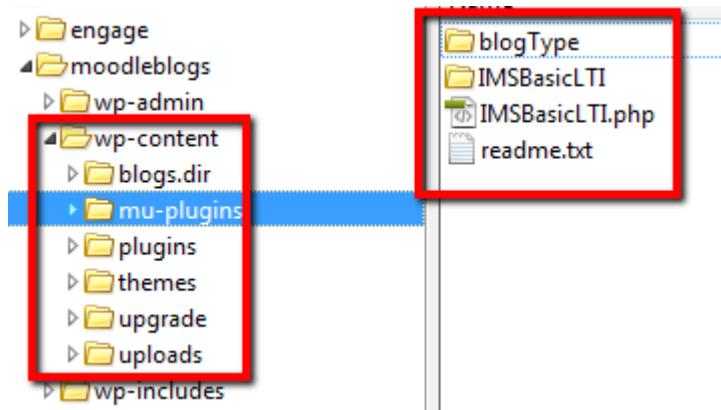


# Moodle and Wordpress LTI Administrator Setup

First, you must do the basic setup of Wordpress Multisite. Instructions can be found at <http://wordpress.org>. Once that is complete you will want to create a folder inside wp-content called mu-plugins. Then you will FTP all the BasicLTI files and folders into it.

Get the Basit LTI files from: <http://sourceforge.net/apps/mediawiki/learningapps/index.php?title=LTI4Wordpress>



Login as Site Admin for Wordpress and click on Network Admin > Settings. You should now see a menu item for LTI Consumers Keys. This is where you can create consumer and secret keys to allow Moodle to connect to Wordpress. Add a new Consumer Key and Secret. Write this down as we will need it for Moodle.

MoodleBlogs My Sites Network Admin: Moodle Blog Sites

Dashboard WPMU DEV

Sites Users Themes Plugins Settings

LTI: Consumers Keys

Search Domains

Consumer key:

Search

New LTI

Consumer key:

Secret:

Active:

Save

With your consumer key and secret in hand, login to Moodle as Site Administrator. Go to Plugins > Activities > External Tool. Click on Add External Tool Configuration.

### External Tool

#### External Tool Types

The screenshot shows a table with columns: Tool Name, Base URL, Created On, and Action. There are two entries:

Tool Name	Base URL	Created On	Action
ChemVantage	http://chem-vantage.appspot.com/lti/	10/12/2012	
Moodle Blogs	http://moodleblogs.dearbornschools.org/	10/22/2012	

We can now fill in our details. Add a tool name of your choice. Tool Base URL is the address to your wordpress install. Add your Consumer Key and Secret that was added in Wordpress. Default Launcher can be set to New Window. Be sure to check “Show Tool Type when creating instances”. Show Tool Type makes it easy for teachers to add this to their courses. The only other mandatory thing is to make sure “Accept Grades” is set to Never. Click Save.

### External Tool Configuration

**Tool Settings**

Tool Name*	<input type="text" value="Moodle Blogs"/>
Tool Base URL*	<input type="text" value="http://moodleblogs.dearbornschools.org/"/>
Consumer Key	<input type="text" value="blog"/>
Shared Secret	<input type="password" value="....."/> <input type="checkbox"/> Unmask
Custom parameters	<input type="text"/>
<input type="checkbox"/> <input checked="" type="checkbox"/> Show tool type when creating tool instances	
Default Launch Container	<input type="button" value="New window"/>

**Privacy**

Share launcher's name with tool	<input type="button" value="Always"/>
Share launcher's email with tool	<input type="button" value="Always"/>
Accept grades from the tool	<input type="button" value="Never"/>
<input type="checkbox"/> Force SSL	

**Miscellaneous**

Organization ID	<input type="text"/>
Organization URL	<input type="text"/>

If you want to embed the blog into a moodle page, you must follow the next page to turn off an iframe embedding security feature. It's a simple plugin that needs to be installed on Wordpress.

If you want to have the Wordpress blog embedded in Moodle, you will want to add this plugin to your wordpress setup to unlock an iframe security feature.

Without this plugin your embedded blog will not allow you to click on buttons or write new posts. **You can still use this without the security hack, but MUST use NEW WINDOW for Default Launch Container. Teachers will also need to select this when adding the activity in their course.**

Download the Plugin by Darcy Christ and upload into your plugins folder and network activate it. This will allow embedding of the blogs. You will need to change line 20 of allow-from-x-frame-options.php:

@header( 'X-Frame-Options: hku.hk' );  
change “hku.hk” to the URL of your wordpress install.

```
1 <?php
2 /*
3  Plugin Name: Allow From X-Frame-Options
4  Plugin URI: http://1000camels.com
5  Description: This plugin allows WordPress to be embedded in iframes from a select list of sites
6  Version: 0.9
7  Author: Darcy W. Christ
8  Author URI: http://1000camels.com
9  License: GPL3
10 */
11 ?>
12 <?php
13
14 remove_action( 'login_init', 'send_frame_options_header', 10, 0 );
15 remove_action( 'admin_init', 'send_frame_options_header', 10, 0 );
16 add_action( 'login_init', 'send_allow_from_frame_options_header', 10, 0 );
17 add_action( 'admin_init', 'send_allow_from_frame_options_header', 10, 0 );
18
19 function send_allow_from_frame_options_header() {
20     @header( 'X-Frame-Options: hku.hk' );
21 }
```

**Download the plugin here from Darcy Christ:**

[http://blog.dearbornschools.org/webmaster/files/2012/10/wp\\_allow-from-x-frame-options.zip](http://blog.dearbornschools.org/webmaster/files/2012/10/wp_allow-from-x-frame-options.zip)

With the external tool properly setup, a teacher just needs to add the External Tool to their course.

**Demo Video:** [http://www.youtube.com/watch?v=EOfLdg\\_X9SY](http://www.youtube.com/watch?v=EOfLdg_X9SY)

### Here is how you setup a MoodleBlog:

1. Go to your course and Turn Editing On. Then click “Add an Activity or Resource”.
2. Select External Tool and click “Add”.



### 3. Fill out the following:

- Activity Name = Any name you choose. IE. Classroom Blog
- External Tool Type = Select “Moodle Blogs” from the drop down. (Or whatever your Site Administrator Named the External Tool)
- Launch Container = New Window or Embed. It is your preference.

**General**

<a href="#">Activity Name*</a> <input type="text" value="Classroom Blogs"/>		<a href="#">Show advanced</a>
<a href="#">External tool type</a> <input type="text" value="Moodle Blogs"/>		<a href="#">+</a> <a href="#">X</a>
<a href="#">Launch URL</a> <input type="text"/>		
<a href="#">Launch Container</a> <input type="text" value="New window"/>		<a href="#">▼</a>

4. Click “Save and Return to Course”. You can now click on the link in your course and it will open a new window with your new blog. You will also notice that you are already logged into your new blog. Students will also be automatically logged in as well.