

# Building and Using a Wiimote Whiteboard in Education

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If you want..

...to make a shift from this  
overhead projector...



...to an interactive whiteboard system.



Computer



LED Pen



Projector



Wiimote



Screen/  
Whiteboard

You take this setup..which you know..



Computer



Projector



Screen/  
Whiteboard

...and you add a Wiimote, an LED  
light source, and free  
WiimoteWhiteboard Software...



Wiimote



LED Pen



Wiimote  
Whiteboard  
Software

...to make it into an interactive whiteboard.



Computer



Projector



Screen/  
Whiteboard



Wiimote



LED Pen

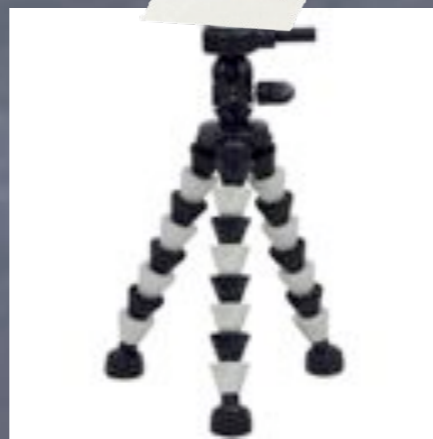


# Do this all for \$65

Wiimote



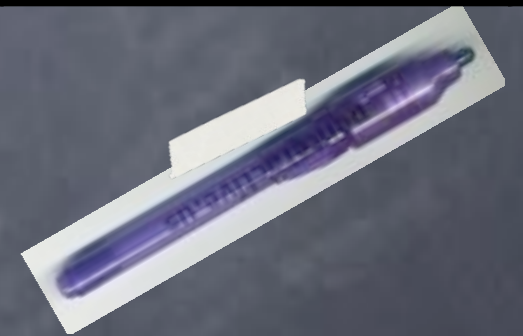
Tripod



Cover Mount



LED Pen



\$40

+

\$10

+

\$7

+

\$8

[www.walmart.com](http://www.walmart.com)

[www.penteractive.us](http://www.penteractive.us)



# Step One: Buy Your Materials

Wiimote



\$40

+

\$10

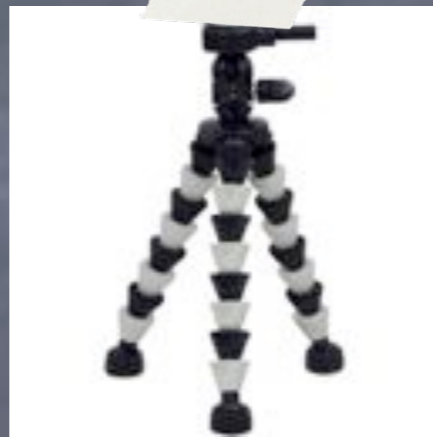
+

\$7

+

\$8

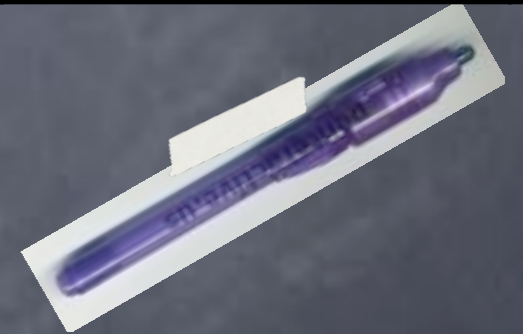
Tripod



Cover Mount



LED Pen



[www.walmart.com](http://www.walmart.com)

[www.penteractive.us](http://www.penteractive.us)

# Step Two: Download Your Free Software

<http://www.wiimoteproject.com>

Apple OS X: <http://www.uweschmidt.org/wiimote-whiteboard>



**Wiimote  
Whiteboard  
Software**

# Step Three: Connect Your Wiimote



Computer



WiimoteWhiteboard Software

Press Buttons 1 & 2



Wiimote

# Step Four: Position the Wiimote

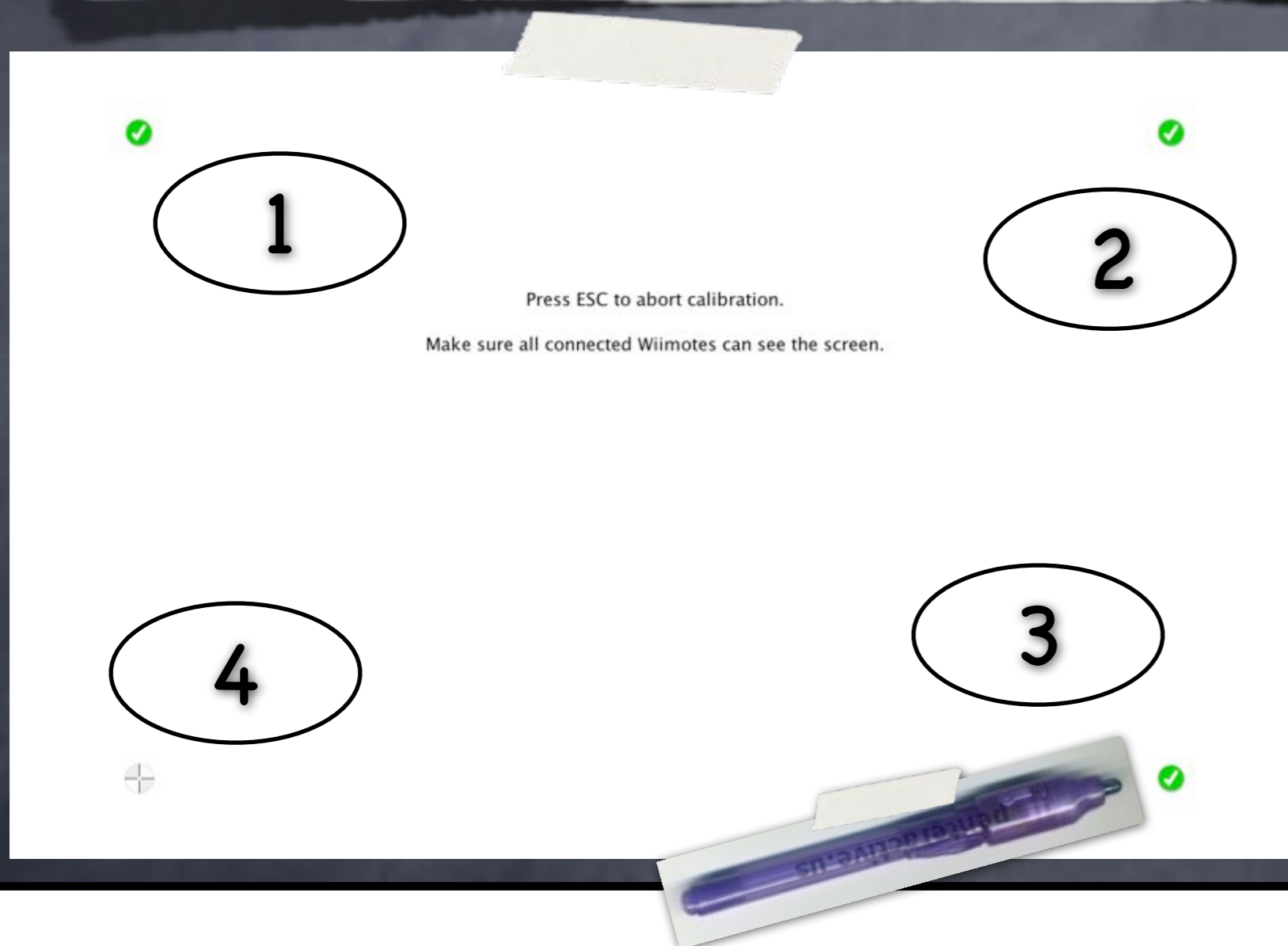
I like mine, right in front, directly pointed at the screen.



Wiimote



# Step Five: Calibrate your interactive whiteboard.



Use the LED Pen for the four point calibration

You Did It!

You made a Wiimote  
interactive whiteboard!

# Now You Can...

...work the  
Settings...

...or use it.

# Settings Tips 1/2

Adjust Mouse Control:  
Move Only or  
Move and Click

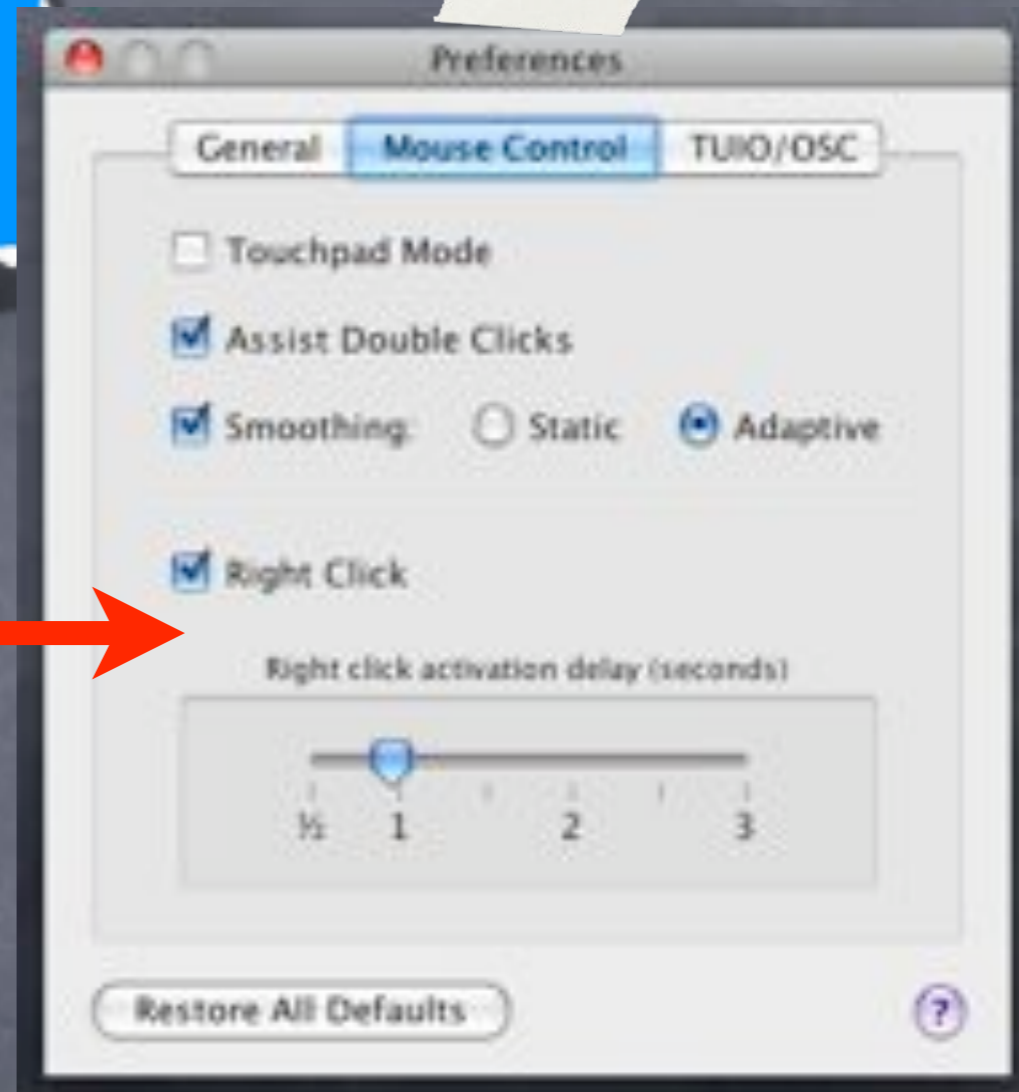
READ ABOUT THE FEATURES:  
[http://wiki.uweschmidt.org/  
WiimoteWhiteboard/Features](http://wiki.uweschmidt.org/WiimoteWhiteboard/Features)





# Settings Tips 2/2

Adjust the right click activation time.



READ ABOUT THE PREFERENCES:

[http://wiki.uweschmidt.org/  
WiimoteWhiteboard/Preferences](http://wiki.uweschmidt.org/WiimoteWhiteboard/Preferences)

# Use your new Wiimote Interactive Whiteboard with some great free software

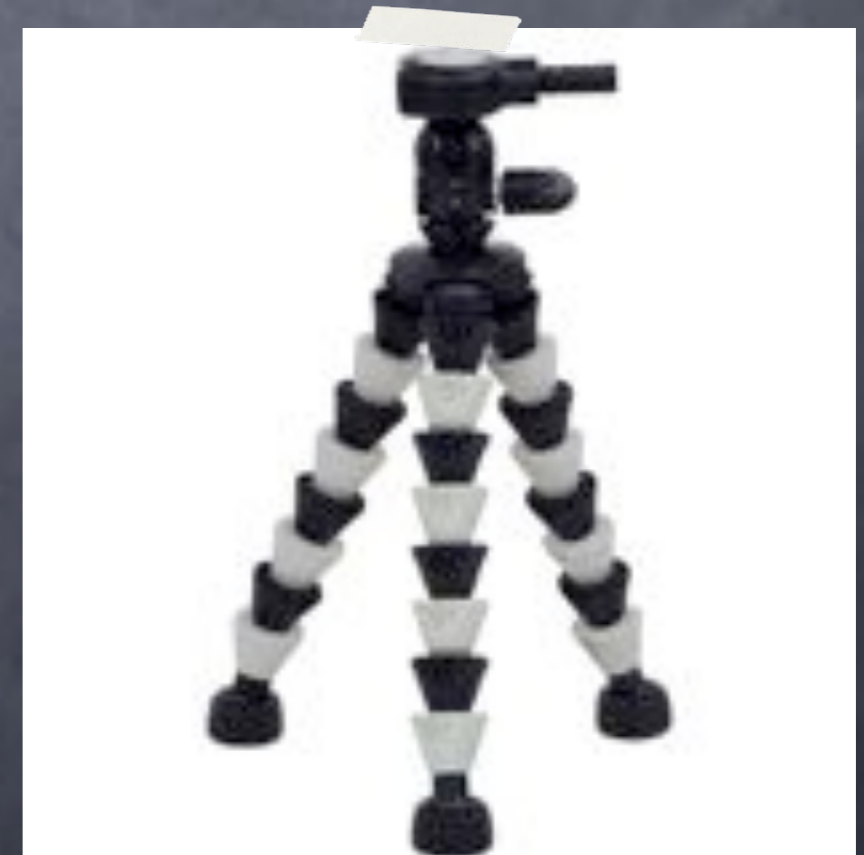


Math Websites  
Core Tools

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You can also glue on a nut, to make the mounting for the tripod.



# Image Credits

- Projector Image: <http://store.apple.com/us/product/TR442LL/A?mco=MTIxODk3Mw>
- Projector Screen Image: <http://www.projectorscreenstore.com>
- Macbook Image: [http://store.apple.com/us/browse/home/shop\\_mac/family/macbook?mco=MTE3MzM](http://store.apple.com/us/browse/home/shop_mac/family/macbook?mco=MTE3MzM)
- Old School Projector Image: <http://flickr.com/photos/psd/302658742/>
- Wiimote Image: <http://flickr.com/photos/yerahg/551627536/>
- LED Pen and Case Mount: <http://penteractive.us/>
- Coupling Nut: <http://www.alibaba.com/product/>
- Hot Glue Gun: <http://www.inventgeek.com/Projects/IonCooler2/Images/06.JPG>