Download these slides and follow along:

http://x.co/phx13301
LOCAL
(NO INTERNET)

Talk (fast!)
Server
Editor
Tools
Plugins
Tips

ENVIRONMENT
(WHERE WORDPRESS LIVES)

Demo
Install WordPress
WAMPServer
MAMP
Using xdebug

Questions?!
Configuration
SSL
PHP Extensions
Additional Apps
Ease of use
Unique Features
Multisite capable?
Doesn't use port 80
No multisite
Runs only one site at a time

http://www.instantwp.com/
USES PORT 80
No multisite (available via upgrade)
Runs multiple dev sites
Locked to ".dev" TLD
Includes xdebug

http://serverpress.com/downloads/
More than just WordPress
Multisite ... sure!
Mac OS X only
Feels like a normal app
Will prompt for your password (necessary for apache to use port 80)

http://www.mamp.info/
More than just WordPress
Multisite ... sure!
Windows only
Easy to configure php / apache
Supports SSL (BYO vhost)

More than just WordPress
Multisite ... sure!
Linux, Windows, Mac
Lots of features
Can get complex
Supports SSL

Emulate any setup, even multiple servers
Take snapshots, rollback to previous configurations
Backup entire machines as single files
Extensible via vagrant and phpvirtualbox
No training wheels

https://www.virtualbox.org/
Heavyweight or Featherweight?
NETBEANS

Other Options
PHPStorm
Komodo IDE
NuSphere IDE
Zend Studio
Aptana

Features
Xdebug
Code completion
Project-wide search/replace
Inline sanity checks
Endless stream of features

http://netbeans.org/
NOTEPAD++

Other Options
TextPad
Komodo Editor
TextMate
vim

Features
Leaner
Syntax highlighting
Can edit larger / single files
Can edit different file (e.g. python)

http://notepad-plus-plus.org/
Debugging
See / edit variables
See full call stack
Pause execution

Analysis
Function trace
Memory delta
Cachegrind
WEBGRIND

Debugging
See full call stack
See relative or absolute timing
See incl. vs. excl. timing

Advanced
KCacheGrind / QCacheGrind
WinCacheGrind
XHProf / XHGui

https://github.com/jokkedk/webgrind
Unix goodness
Install grep, find, bash in Windows
PEAR paths can get confused
Better shell: mintty, puttycyg, rxvt, or putty + cygtermd

http://www.cygwin.com/
IEVMS

Testing in IE 6-9
Run Windows in a Virtual machine
Expires after 90 days

(screenshot missing ... you've seen IE before, right?)

https://github.com/xdissent/ievms
Git
- Local repositories don't require an internet connection
- Learning curve is steep
- Github is free (or pay for private repositories)

Subversion
- Remote repositories require connection
- Easier to learn, but less flexible
- Google code is free

Mercurial
- ???

Choose what works

Also ...
WordPress Reset
Make your site pristine again
http://wordpress.org/extend/plugins/wordpress-reset/

Configure SMTP
Send email via gmail (or other SMTP)
http://wordpress.org/extend/plugins/configure-smtp/

Debug Bar Plugins
See warnings messages
See SQL queries
See transients (Debug Bar Transients)
See timing / profiling info (Debug Bar Extender)
http://wordpress.org/extend/plugins/debug-bar/
http://wordpress.org/extend/plugins/search.php?q=debug+bar

Core Control
Spy on http requests
Control crons, updates, file system methods
http://wordpress.org/extend/plugins/core-control/
define('WP_DEBUG', true);
define('WP_DEBUG_LOG', true);
define('SCRIPT_DEBUG', true);
define('CONCATENATE_SCRIPTS', false);
define('SAVE QUERIES', true);

http://codex.wordpress.org/Editing_wp-config.php
Deploying to prod is tricky.

**PHP Files** - no problem

**Static content** - doesn't WP pick those names?
- Sync database, too
- Don't sync this
- Keep everything on a CDN

**Database** - isn't your URL all over the DB?
- Search / replace with serialized PHP is bad
  - [https://github.com/interconnectit/Search-Replace-DB](https://github.com/interconnectit/Search-Replace-DB)
- Ramp
- Migrate Content Plugin
  - [http://www.youtube.com/watch?v=uAlyhAMonh4](http://www.youtube.com/watch?v=uAlyhAMonh4)

**Scott Taylor** elaborates
BACKUP.
TWICE.
PRACTICE RECOVERY.
DEMO.
QUESTIONS?
IMAGE CREDITS

http://www.flickr.com/photos/keithbsmiley/2678244535/sizes/l/
http://www.flickr.com/photos/sarahreido/5162576557/sizes/l/in/photostream/
WP-CLI

Scripting
Lots of commands
Helps you automate
Your plugin can hook into wp-cli

http://wp-cli.org/