



# **Moodling Through the PIT**

Seguin High School's  
Collaborative Solution  
to Curriculum Design for  
Principles of Information Technology

# Seguin HS – About us.....

9-12th Grade

1 High School, 1 School of Choice, 1 Disciplinary  
Alternative School

Considered a rural school

1900 Students

Skip from 5A to 4A

60% Hispanic, 30%White, 8%AA, 2%Asian

60% Econ Disadvantaged

Approximately 1500 enrollments in CTE courses  
per year

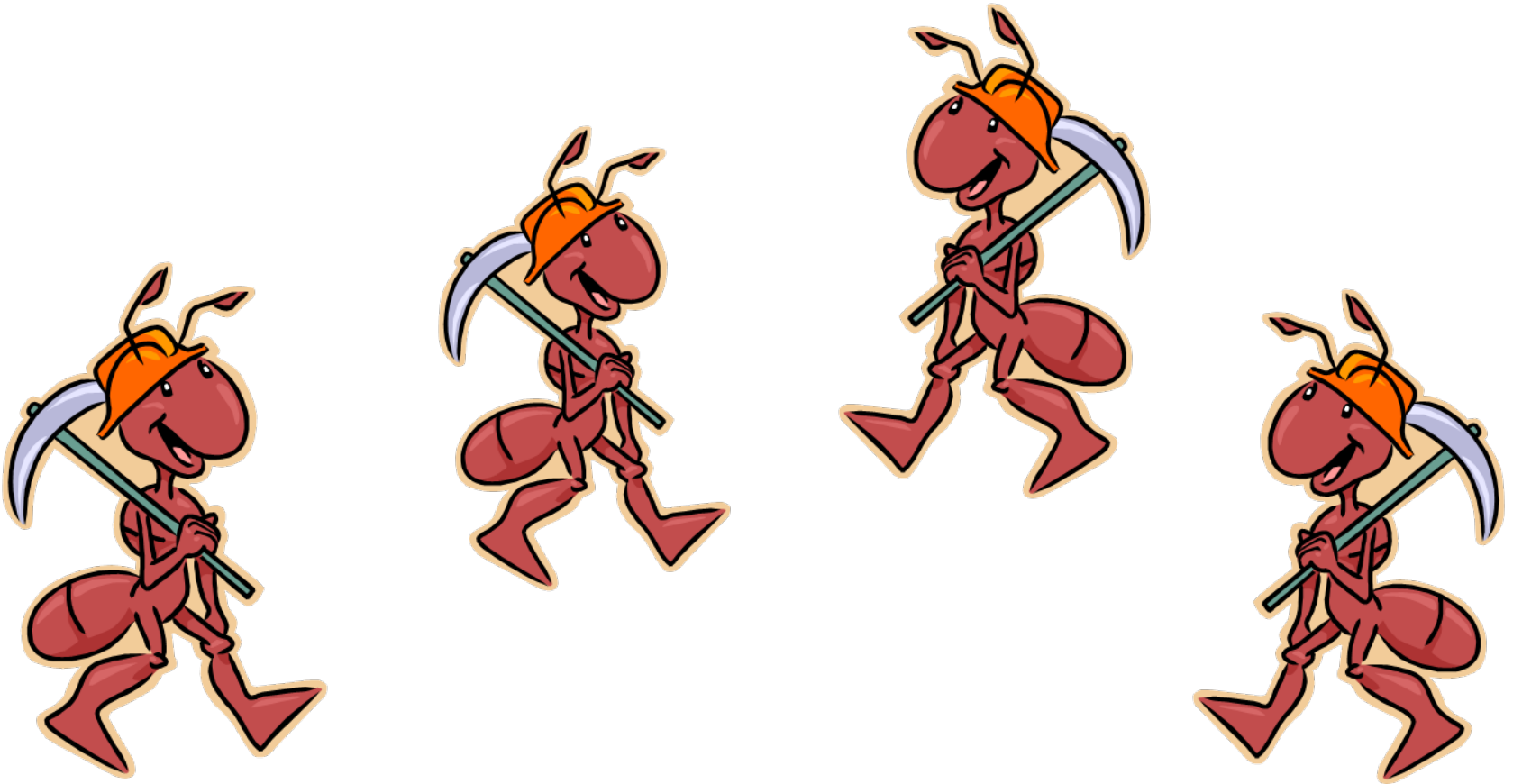
# We were in the PIT...

- Facing the challenge of a new course (Principles of Information Technology) and merging teachers with different areas of expertise all teaching the same course with an eye to the future.



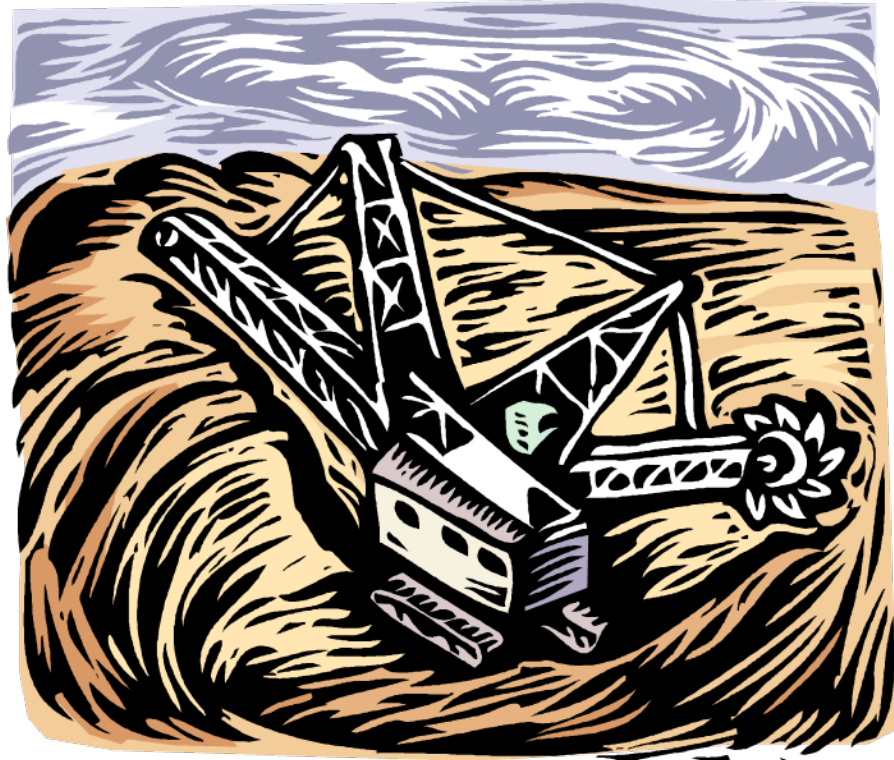
# Tools we brought to the PIT

- We all had something to offer...



# Our plan to “dig out”

- We needed a way to share information and materials with each other and all of our students.
- Our solution?





# What is Moodle?

**Moodle** is a free software e-learning platform (also known as a **Course Management System (CMS)**, or **Learning Management System (LMS)**, or **Virtual Learning Environment (VLE)**).

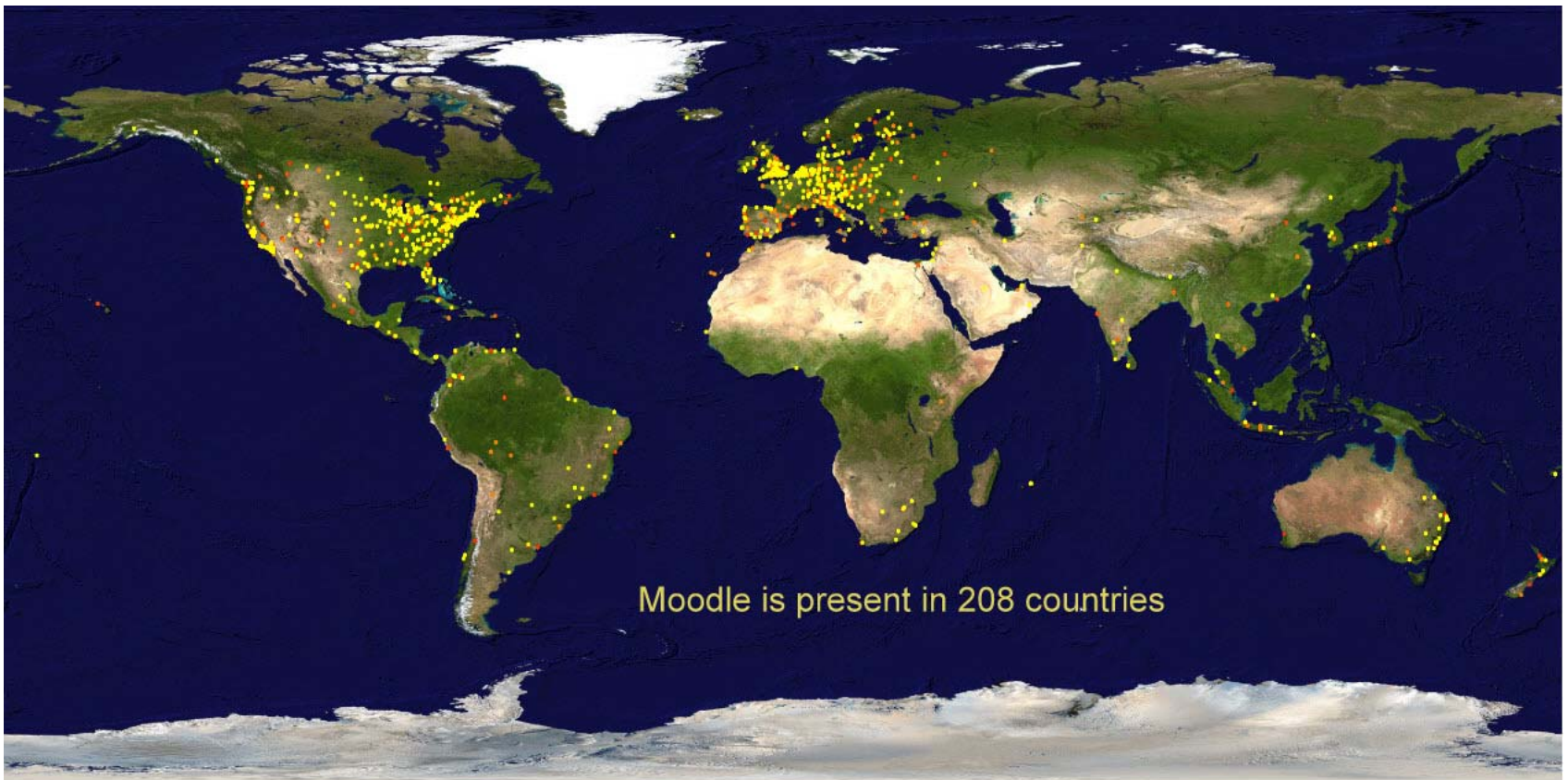
Acronym for:

**M**odular **O**bject-**O**riented **D**ynamic **L**earning  
**E**nvironment



# Who uses Moodle?

**Moodle** is used in 208 countries in 75 languages.





# What is Moodle?

**Moodle** can easily be used to:

- Create, deliver and manage web-based content for courses.
- Add online elements to traditional courses (to supplement current in-class instruction).
- Facilitate and deliver completely online courses in the classroom or with limited face-to-face interaction.



# What is Moodle?

**Moodle** can easily be used to:

- **Communicate**, real-time with collaboration and communication tools
- **Assess** integrated quizzes and grade books
- **Manage course/content**: upload course materials (audio, video, documents like .doc, .pdf, .ppt files), link to other sites, embed files and resources



# What is Moodle?

**Moodle** can easily be used to:

- **Attach files** for students to download
- **Link to resources** anywhere on the internet
- **Create** interesting classroom environments without learning HTML
- **Easily manage** your course from year to year (never lose your work!)



# What is Moodle?

**Moodle** can easily be used to:

- Continue your class discussions online
- **Chat** online with students
- **Engage students** in discussions forums
- Help students **collaborate over the internet**, within their groups and within the classroom.



# Anticipated benefits

- No programming experience necessary (file management is KEY to making it successful)
- Engage all learning styles
- Provide multiple methods for learning the same material
- Decrease paperwork (**green** solution!)
- Engage digital natives where they learn best



# Unexpected benefits

- Provide prompt feedback to students
- Provide classroom access for parents
- Document student non-participation
- Increased continuity among class sections
- Transparent student transfers between sections
- Greater alignment between SHS, MBLC & Burgess
- Increased home bound support



# And we dug in...

## Check out how we did it!





# Getting Started

**Here's what you'll need:**

**Setup info and requirements are online**

**Hardware:**

**Any Windows, Mac or Linux running a server package will support Moodle.**

**Software:**

**Downloaded for FREE on the Moodle website**

**It is web based so you can run it on any platform from anywhere!**



# Breaking ground...

**Don't reinvent the shovel!**

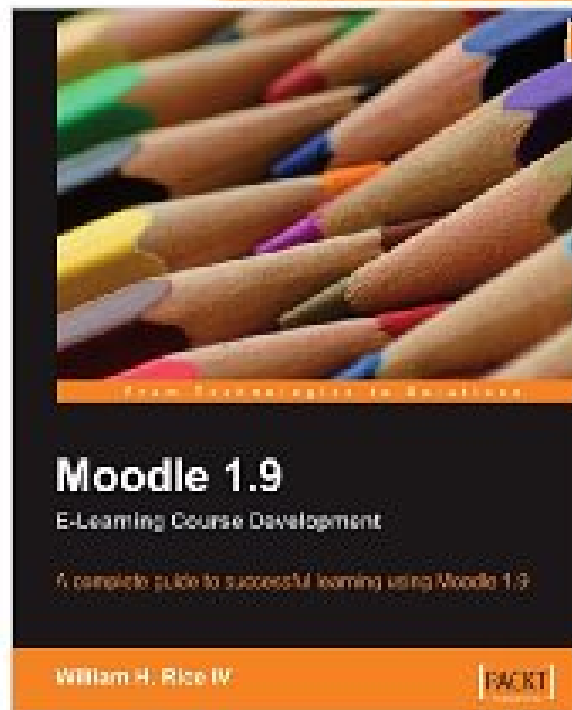
**Here are a few great resources to  
find out more:**

**[www.moodle.org](http://www.moodle.org)**

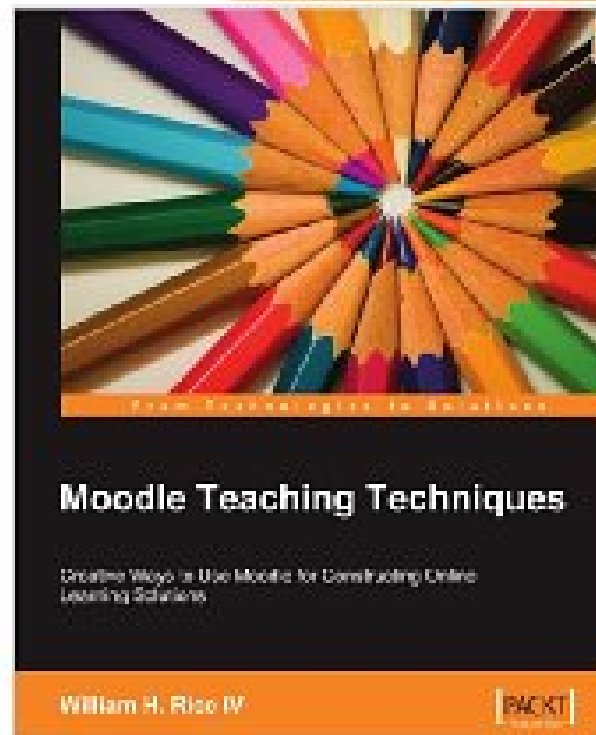


# Books on Moodle

Click to **LOOK INSIDE!**



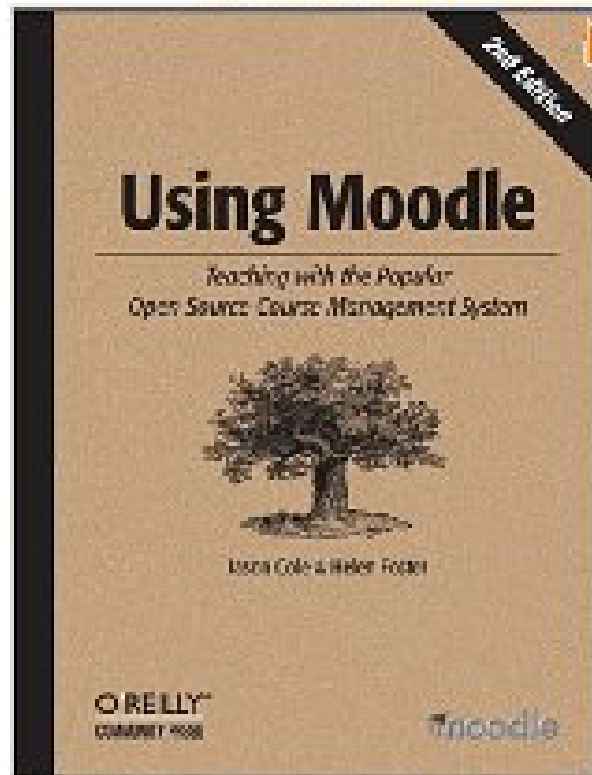
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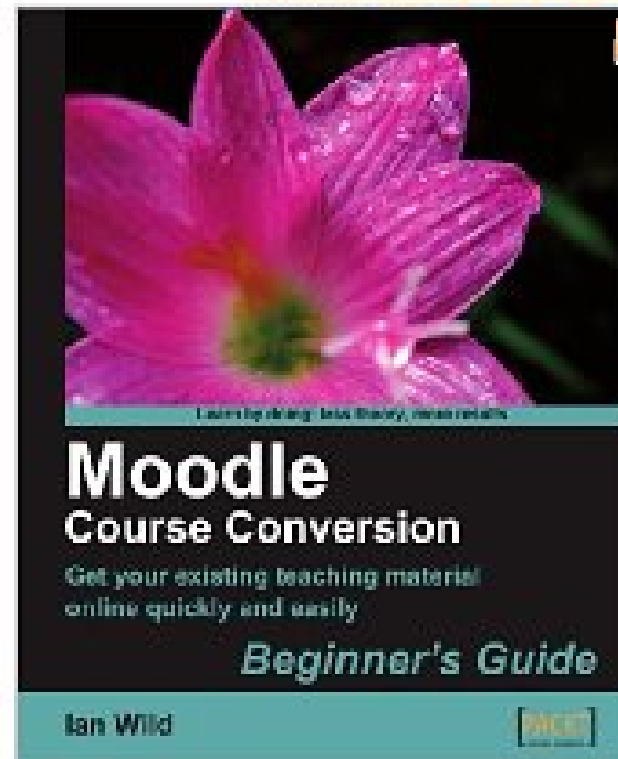


# Books on Moodle

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# Resources on Moodle

Free Moodle book online: **“Using Moodle”**

[http://docs.moodle.org/en/Using\\_Moodle\\_book](http://docs.moodle.org/en/Using_Moodle_book)

Early ISD has some great Moodle training information. [www.earlyisd.org](http://www.earlyisd.org)

**-Click on Staff Resources.**



# Costs to Develop PIT

- 1 day of August professional development
- 4 days of sub cost per teacher during 2010-2011
- Cost for typing/reproduction
- Funded with Perkins dollars



# Can you dig it?

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# Can you dig it?

You can check it out for yourself if  
you'd like:

[www.culley.net.com/moodle](http://www.culley.net.com/moodle)

Log in as a guest and click around  
awhile. Contact us if you would like  
more information or a better look.

**Happy Moodling!**