Hacking the collaborative Computer lab

Further Adventures in Computer Science Instructional Labs
Hacking the collaborative computer lab

The cave

hacks

TakeAways
Hacking the collaborative computer lab

Who
The cave

Adventures in Computer Science Instructional Labs
Going back in time

2009 - the idea

1984 - the old days

1991 & 1995 - The game changers

2000s - the exodus
Where are the people?!?
199

ZEOS 386SX-20!
Only $119.50

INCREDIBLE 20MHZ ZERO-WAIT PERFORMANCE $199.50

That’s right! Now you can own the incredible new ZEOS 386SX 20MHZ system, complete for only $119.50! Using ultra high-speed 5x enhanced DRAM, your new ZEOS 386SX-20 delivers blazing zero-wait state performance without the need for a cache. And that’s just for starters!

Your new ZEOS 386SX-20 also includes the most advanced SX motherboard available anywhere. Because we’ve not only added incredibly fast 5x DRAM, we’ve also integrated the fast and floppy drive controllers plus the serial, parallel and game ports right on the motherboard! This results in even greater reliability and expandability.

ZEOS SX SYSTEMS RATED #1!

After all, the ZEOS 386SX-20 comes from a family of Editor’s Choice 386 systems. And most recently, in PC Magazine’s Service and Reliability survey, ZEOS systems received the #1 SX rating overall. Once you receive your new ZEOS 386SX, you’ll see why ZEOS is #1.

Take our case and power supply for instance.

Your new system will include our custom 800 Watt power supply and seven bay SpaceSaver desktop case.

You save space and still have room for lots of future expandability! And the components in your system will last longer too, because ZEOS gives you not just one, but two cooling fans. After all, the cooler your system runs, the longer it will last. Now that’s uncompromising value. That’s ZEOS value.

24 HOUR A DAY DOLLAR SALES AND TECHNICAL SUPPORT!

Buy, you will receive our legendary ZEOS 24 Hour a Day Toll Free Technical Support. Plus our full 30 Day Absolute Satisfaction Money Back Guarantee. One Full Year Limited Warranty and Express Parts Replacement Policy. Performance, Quality, Price. Support. These are the hallmarks that have made ZEOS America’s favorite choice. These are the values that make ZEOS your best choice as well. You’re going to be very satisfied. We don’t just say it. We Guarantee it.

ORDER NOW TOLL FREE: 800-823-5891

Order your new ZEOS 386SX, now with confidence. Your choice of ZEOS quality and performance is Guaranteed. Order now toll free by calling 800-823-5891.
Yahoo - A Guide to WWW


- Art (466) NEW
- Business (6426) NEW
- Computers (2609) NEW
- Economy (743) NEW
- Education (1437) NEW
WHAT NOW?
Hacking the collaborative computer lab

Best practices collab spaces

Third places - OldenBurg

Lave & Wenger - Students

The build
KEEP CALM AND HIT THE BOOKS
Best Practices for Collaborative Labs
Best Practices for Collaborative Labs
Best Practices for Collaborative Labs
Best Practices for Collaborative Labs
Best Practices for Collaborative Labs
Best Practices for Collaborative Labs
Best Practices for Collaborative Labs
Best Practices for Collaborative Labs

- Movable Furniture - No discernable front
- Sound management
- Targeted lighting
- Lots of Power
- Robust Wireless
- Low Tech - Drawing Supplies
Third Places
Third Places
Third Places
Third Places
Third Places
Third Places
Third
Places
Third Places
Third Places
No quiet
Games
Eating
Stability
Communities of Practice
Hacking the collaborative computer lab

Communities of Practice
Hacking the collaborative computer lab
Hacking the collaborative computer lab
ANGRY JANITORS

PLAY
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Metrics
Garbage
Food
Games
Fitting In - Living Together
Hacking the collaborative computer lab

So that’s it, right?
Hacks
Further Adventures in Computer Science Instructional Labs
Hacking the collaborative computer lab

What is the meaning of "Hack"

From these definitions, you can get an idea that a hack is a procedure or a way of doing something that:

1. Demonstrates cleverness or ingenuity
2. Solves a meaningful problem
3. Is not a common or well-known solution to the problem
4. May not be the most straightforward or appropriate solution.

Hacking the collaborative computer lab

Hack #1

Become the Informational center Of your department or school.
The key here is advertising to faculty and the administration
Hacking the collaborative computer lab

Hack #2

Contests and Annual events
The idea is to make them think...
Ludum Dare

LUDUM DARE 42 STARTS

DAYS HOURS MINUTES
8 2 0 0 5 0

Starts Friday at 6:00 PM EDT *

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Hack RU

You never know how big Things can get.

Be a testing ground.
Hacking the collaborative computer lab

Hack #3

Become the headquarters for your University clubs
Hacking the collaborative computer lab.
Hacking the collaborative computer lab

Be proactive here
Manage to stay open AND accommodate clubs
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Hack #4

Give the students something to grab
Hacking the collaborative computer lab

Hack #5

Do the little things that
Foster community
Create history and tradition
Model good behavior.
Let the students choose the posters and decorations
Have pictures of grads on the walls and on the website
CAVE

pigs
CAVE PIGS SIGHTED IN LOCAL LAB

LAB NEEDS CLEANING IN ORDER TO BE READY BY MORNING
CAVE

pigs
Hack #6

It’s OK to fail. Failure is your friend. It’s how we learn...
This is not a game
Monday, December 7th, 2015, 10am to 3pm, In the

CAVE

Room 252 in the Hill Center Annex

Come for the Hour of Code. Don’t know how to program computers? Want to see what it’s all about?

Stop by the CAVE and have one of our assistants walk you through a Computer Science and
When you hit upon a good idea you can then repeat it, just keep trying things...

Do not be discouraged. Think of it as rapid prototyping...
Sometimes things will work!!
Hacking the collaborative computer lab

Hack #7

The answer is not always money...
Students covet access during off hours. Use that to your advantage.
Get known with advertising and press
Hacking the collaborative computer lab

To: Aedan

Sat, May 14, 2:04 PM

Donated some money to the Cave at one of the seniors events. Thanks for creating that space and really helping foster the community. Know that it's definitely helped at least one person find what they're passionate about and a home here at Rutgers.

Sat, May 14, 3:07 PM

job, I wanted to start this email off by thanking you for building and maintaining the cave. The cave has probably been the best home for me during my time as a computer science student at Rutgers. Not only have I gone there to get work done and collaborate with other students, but I met many great people there with whom I intend to maintain friendships (among others Faig, Sam, Josh, and Shahahan). As I moved further into my education and become more confident in my skills, the cave became a place for me to give back to the newer computer science students. One of my main regrets for my last year as a student at Rutgers was not coming by the cave often enough!
Hacking the collaborative computer lab

Hack #8

Never forget that Labs are the settings for communities of practice
Communities of Practice
Ability to observe COP
Listen to the students

Trust the students

Break rules, but do so wisely

You’re not building a room, you’re tending a community
Hacking the collaborative computer lab
Takeaways

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Think about next gen
Hacking the collaborative computer lab

Anything is possible

Watch, listen, learn

The students will tell you what to do if you know how to listen...
Thank You

Further Adventures in Computer Science Instructional Labs

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