Technology Leadership Community

Action-Based Middle Level Model for Instructional Excellence

Presentation for

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Goal 1

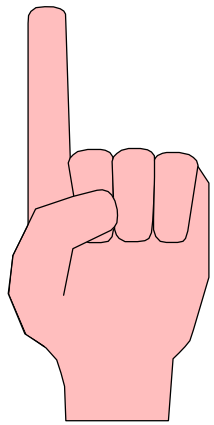
Administrator's Perspective

Implementing

an

Innovative

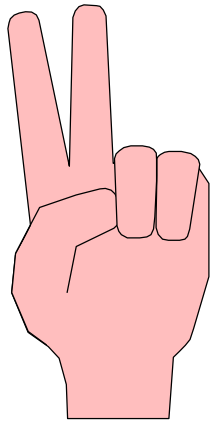
Program



Goal 2

Five Considerations

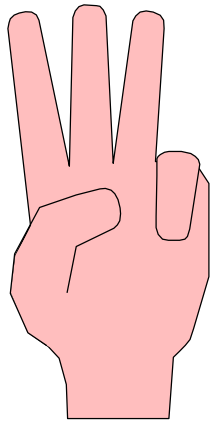
Getting the Program Going

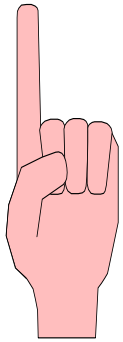


Goal 3

Teacher's Perspective

TLC Works!





Goal 1

Administrator's Perspective

The Need

- *How to enrich tech course offerings?*
- *What is TLC?*
- *What's our story?*

Administrator's Perspective

Course & Classes

- *Technology applications, programming & keyboarding courses*
- *Technology deeply embedded in school culture*
- *Infrastructure with technology in labs, IC, and every classroom*

A Community of Learners Using Technology

ECIS

Project GLOBE

with GPS

ECIS

Technology is Part of the Culture at HAMS

A Powerful Technology Support Structure at HAMS

Administrator's Perspective

A History Lesson

National Science Foundation

- *Hanau Model Schools Project*
- *Vanguard Project (Aviano)*
  - *SEAT @ Aviano HS*
  - *Experiment in Teaching & Technology*
  - *David Reider, Researcher*

Administrator's Perspective

A History Lesson

SEAT

- *"Teach community about new technology"*
- *50/50 balance between pedagogy & technology*
  - *Learn to mastery*
  - *Learn to teach*
  - *Learn to learn*

Administrator's Perspective

David Reider said,

SEAT

- *Not about free, exploited labor*
- *Not the AV club for the 21st century*

Administrator's Perspective

A History Lesson

- ***SEAT became TLC***
- ***TLC expanded to selected high schools***
- ***TLC possibilities for middle school***
  - *Find the "right" teacher*
  - *Provide the "right" training*
  - *Identify the "right" students*

A Beginning

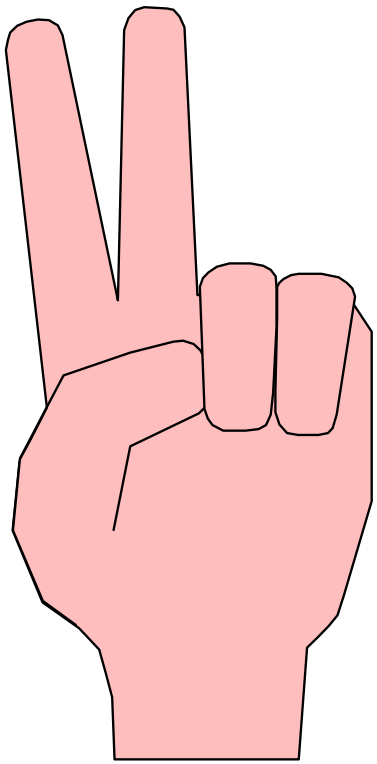
TLC@HAMS

SY 2001/2002

Goal 2

Five Considerations

Getting the Program Going



Five Considerations

Getting the Program Going

Condition 1

Administrative support

- *Understands 50/50 concept*
- *Infrastructure & resources in place*
- *Commitment to reduced class size*

Five Considerations

Getting the Program Going

Condition 2

Find the "right" facilitator

- *Not necessarily the tech. teacher*
- *Technology "with it"*
- *Facilitator, coach, mentor, model*

Five Considerations

Getting the Program Going

Condition 3

Provide the "right" training

- *DoDEA summer workshop*
- *Email &other electronic collaboration*

Five Considerations

Getting the Program Going

Condition 4

Identify the "right" students

- *Highly motivated & responsible*
- *Strong interest in learning technology*
- *Interest in education & teaching*
- *Strong writing & communication skills*

Five Considerations

Getting the Program Going

Condition 5

Schedule the class in the Master Schedule

Five Considerations

Getting the Program Going

Just how did it look

in our first year?

What might you see?

A Typical Class

PRODUCTIVE

Moving from the TLC classroom outward

Teaching a Language Arts Class to Use Publisher 2000

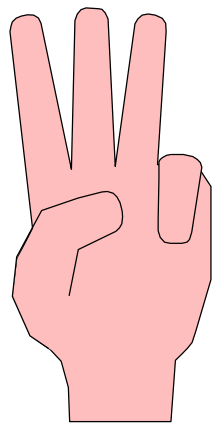
EXCEL 2000 Workshop for Educators

"Graphing M&Ms"

Goal 3

Teacher's Perspective

TLC WORKS!



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COURSE DESIGN LESSONS LEARNED WAYS TO GO LAST WORD

… it works!

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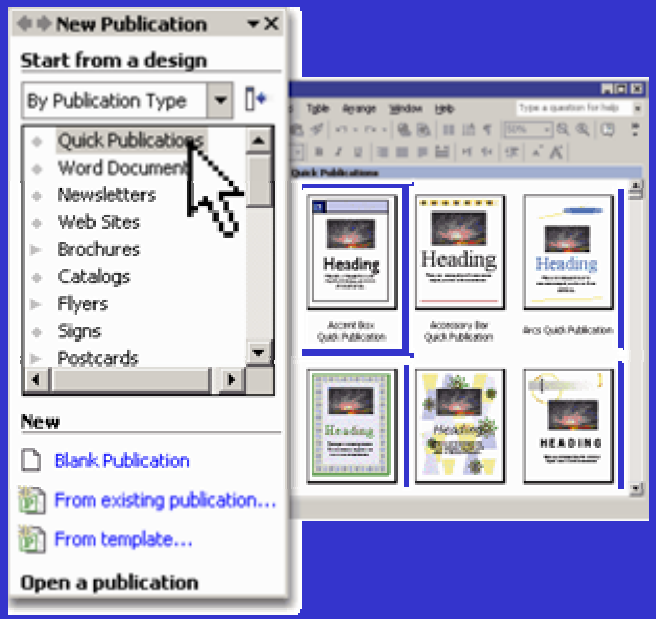
course contents

COURSE DESIGN LESSONS LEARNED WAYS TO GO LAST WORD



knowledge of technology

learning / teaching skills

communication skills

…… personal skills

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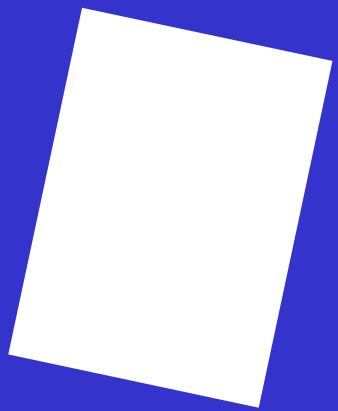
course material

COURSE DESIGN LESSONS LEARNED WAYS TO GO LAST WORD



student contract
mentorship agreement
student / teacher textbook

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course material

COURSE DESIGN LESSONS LEARNED WAYS TO GO LAST WORD

computer / software
handbooks
tutorials

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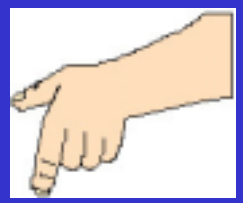
learning

COURSE DESIGN LESSONS LEARNED WAYS TO GO LAST WORD

experiment with learning
determine learning styles
reflect on learning and teaching



The learning has been easier because … it was mainly class discussions. It is always easier for me to learn something when we talk about it as a class, rather than finding out how to do something on my own. It is really fun to look back on the weeks and see what I have done. I remember when I had trouble making a web page, and now I am getting ready to go teach a teacher and a whole class about Publisher. This was something that I knew was coming, but I did not know what to expect. Now I can hardly wait to go and teach my lesson.

I would say that the learning this week has brought forth no more new learning strengths than it did last week. The reason is because I learned about the same way ... The biggest obstacle was starting on the lesson plan. I saw the layout and was really worried when I say all the information that needed to be filled out. I thought it would be way to hard to do. I think that I have resolved the obstacle by doing what I did before. I took things one-step at a time. I again looked at a part of the lesson plan rather than looking at the entire document all a once.

I think that I have done really well this week, and hope that I will be ready when it comes to the teaching part. Later on, I would like to study anything that would relate to teaching. I feel that I am starting to get the hang of this teaching stuff, and I would hate to suddenly switch to a whole new topic.

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teaching

COURSE DESIGN LESSONS LEARNED WAYS TO GO LAST WORD

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teaching

COURSE DESIGN LESSONS LEARNED WAYS TO GO LAST WORD

find information
evaluate information

organize information
present information

make a lesson plan
schedule the class

evaluate the lesson
teach a 2nd lesson

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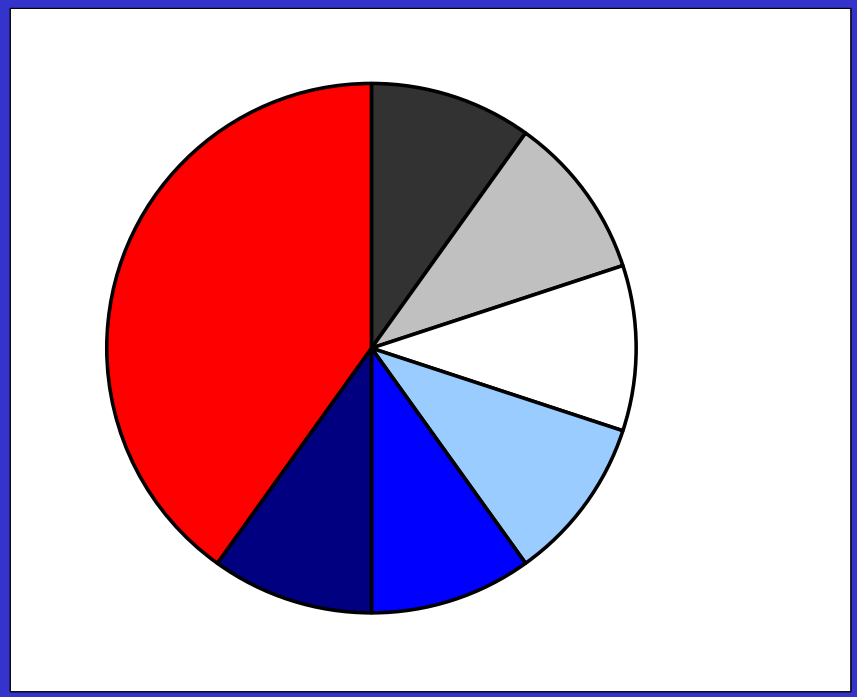
grading policy



weekly journals
class participation
work with a teacher
written assignments
leadership role
self-evaluation
teaching

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projects

COURSE DESIGN LESSONS LEARNED WAYS TO GO LAST WORD

digital images

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projects

COURSE DESIGN LESSONS LEARNED WAYS TO GO LAST WORD

geometer sketchpad

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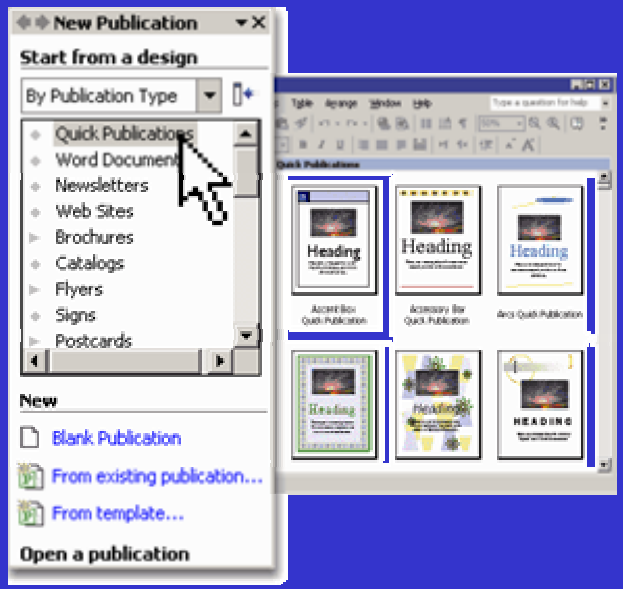
projects

COURSE DESIGN LESSONS LEARNED WAYS TO GO LAST WORD



school's newsletter

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projects

COURSE DESIGN LESSONS LEARNED WAYS TO GO LAST WORD

learning strategies class

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lessons learned

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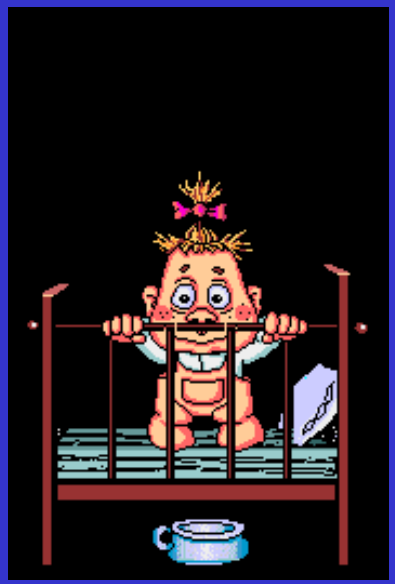

determining personalities

finding acceptance

reaching out

balancing

TLO

ways to go

establish a ‘regular’ middle school course
discover new communities of learners
develop electronic student portfolios
recruit a diverse group of students

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last words

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technology leadership

COURSE DESIGN LESSONS LEARNED WAYS TO GO LAST WORD

community course