Student Engagement and Support
From the First Day to the Last

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Student Engagement and Support
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- Opening Day
- Engaging Students
- Teaching Methods
- Testing Suggestions
- Grading Tips
- Academic Honesty
- Retention
- Support
Opening Day, 1987
Opening Day

Preview

Overview

Material

Close
Every Day is Opening Day
Every Day is Opening Day

Greet

Preview

Attitude Is Contagious

Overview

Material
Engaging Students
Engaging Students

Use the document camera

Use the classroom computer
For mathematics teachers, the average time between asking a question and answering it is about 1.4 seconds.
Engaging Students

The Splash Zone
The answer is Yes!
The answer is No!
Prime the Pump
Engaging Students

Me! Call on me!

Join the Class
Engaging Students

- I don’t understand why I have to learn this.
- I can’t read the book.
- The test questions don’t make sense.
- I didn’t write the syllabus for this course.
- I didn’t pick the course textbook.
- I didn’t write the test questions.
Engaging Students

Attitude Is Contagious

Take Ownership
Teaching Methods

Mnemonics and Memory Aids

Putting a turkey in the oven...

What I said:
Lay it on its wings so it won’t fly away.

What they heard:
Put it on its legs so it won’t run away.

Try Out Your Material
Which is smaller:

0.037 or 0.0045?
Put in alphabetical order:

Janice, James
Which is smaller:
0.037 or 0.0045?
Teaching Methods

When they ask questions...

Try not to let them say
“You know what I mean.”

Ask if you have answered the question.
Use Natural Visual Aids
Teaching Methods

Use Natural Visual Aids
Teaching Methods

You're Dreaming!

The Notes they Take:

The Right ... and the Wrong

\[
\frac{16}{64} = \frac{1}{4}
\]
Teaching Methods

The 70% Solution

You told them your objectives, but you must understand theirs.
Testing Suggestions

Notes
Are you concerned about test answers being on the notes card?

(1) Take away the notes, or

(2) Change the test questions.
Testing Suggestions

Notes

Are you worried about them having too much information?

(1) You write the notes card.

(2) You have the class write it subject to your final approval.
Testing Suggestions

Notes
If you make the decision to permit notes:

(1) Require original notes only.

(2) Collect the notes.

(3) Evaluate the notes.
Testing Suggestions

Technology

Are you concerned about technology answering the test questions?

(1) Take away the technology, or

(2) Change the test questions.
Testing Suggestions

When they miss a test...

→ Deliver copies to the Testing Center

... If they contact you and you approve a late exam, send them there.

... If they just show up at class, send them to the Testing Center!
Grading Tips

Use a Scoring Rubric

- A simple standardized rubric that you can explain to them in advance
- A customized rubric that tracks errors and ranks the credit
Grading Tips

They should know their own grades and averages.

They don’t.

Tell them. Often.
75% and 95% make 85%.

89.5% = 90% because it rounds up.

Grading Tips
Grading Tips

That depends!

Scores may have different point values or weights.

You can’t buy a drink at 20.5 years!
I swear we didn’t cheat.

And we promise never to do it again!
The First Rule of Cheating: Don't Cheat.
Academic Honesty

Consider why they behave the way they do. Remember: They know it is wrong.

Keep the amount collected reasonable.

Give assignments that lend themselves to original work.
While they remain in your class, you still have influence.
Retention
Retention

Missed Work

Require that it be made up!
Retention

Missed Work

Require that it be made up!

Some Strategies:

- Delayed credit
- Make-ups only at the end
Support

Use Blackboard
Hi. I am having trouble getting the correct answer to problem number 5.65.

I tried the following...
Support

- Bailey Library
- Writing Center
- Learning Support Services
- Financial Aid
- Student Resource Services
- Counseling & Career Placement
- ...

Help them find and use these services!
Support

Be Available
Support

Meet with your colleagues

Share ideas and materials

Adapt them to your style
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Thanks to:
Pat Lenton and Max Gibson for photographic assistance.