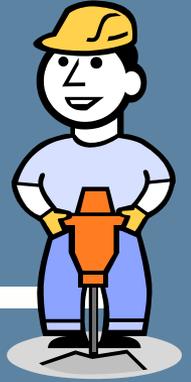


Information What?

Dr. Dennis C. Tucker, PhD, MAT, MLS
Turkey
2009

Who needs information?



- **Workers**



Who needs information?



- Parents



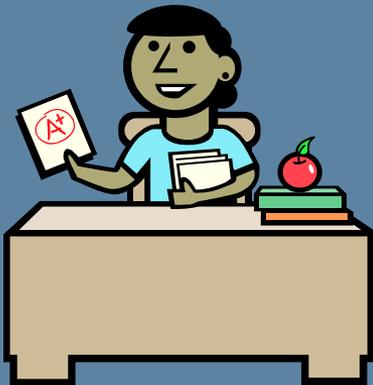
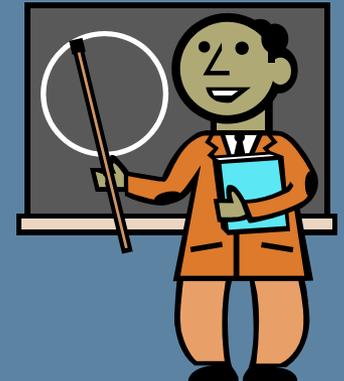
Who needs information?

- Students



Who needs information?

- Teachers



A vibrant, stylized illustration of a diverse crowd of smiling people. The characters are rendered in a bold, graphic style with thick outlines and a variety of colors for their hair and clothing, including shades of blue, orange, purple, red, yellow, and green. They are all smiling and looking in various directions, creating a sense of a happy, inclusive community.

Who else needs information?

Everyone

Why do they need it?

- Fulfill their role as citizens
- Take care of their health / wellbeing
- Advance in their jobs
- Educate their children
- Find a job



Why is Information Literacy important?

- Information is power
- These are basic critical-thinking skills
- These skills are not inherent
- So people can do their own research
- Have a free and democratic society



Information What???

There are many definitions, each varying slightly.

It is NOT

- Learning to read
- Computer literacy
- Web literacy
- Media literacy

It *is*

- **ALL OF THOSE - and MORE!**

Academic Senate for California Community Colleges

Ability to

- find,
- evaluate,
- use, and
- communicate information in all its various formats.



Academic Senate for California Community Colleges

It combines aspects of

- library literacy
- research methods and
- technological literacy.

Academic Senate for California Community Colleges

Information competency

- includes consideration of the ethical and legal implications of information and
- requires the application of both critical thinking and communication skills.

National Forum on Information Literacy

The ability to know when there is a need for information, to be able to identify, locate, evaluate, and effectively use that information for the issue or problem at hand.



<http://www.infolit.org/index.html>

National Forum on Information Literacy

Many other definitions related to
Information Literacy at:

<http://www.infolit.org/definitions.html>

Related definitions

- **Information Communication and Technology (ICT) Literacy**
- **Financial Literacy**
- **Health Literacy**
- **Scientific Literacy**
- **Technology Literacy**
- **Visual Literacy**

<http://www.infolit.org/definitions.html>

My working definition

An information competent person:

- Can discern, define and articulate his or her information needs
- Knows where and how to find the needed information
- Knows how to validate the information and its source
- Knows how to use the information appropriately
- Knows how to cite the information properly

What does that mean?

- Do I know what I really want/need?
- Can I tell someone else what it is?

What does that mean?

- Where do I find it?
- What's the best source?

What does that mean?

- Is it true? Accurate? Biased?
- How do I know?

What does that mean?

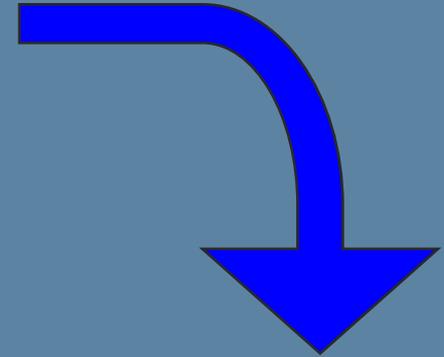
- How do I use the information to meet my needs?

What does that mean?

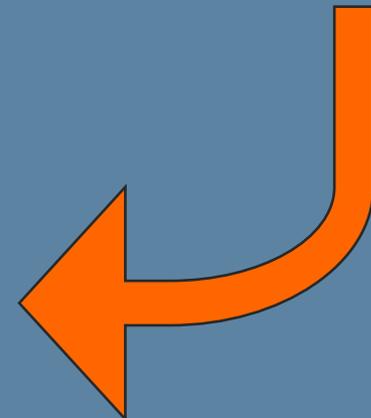
- How do I stay out of jail?



**What am I
looking
for?**



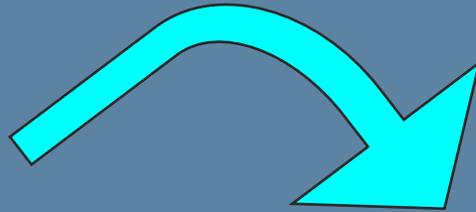
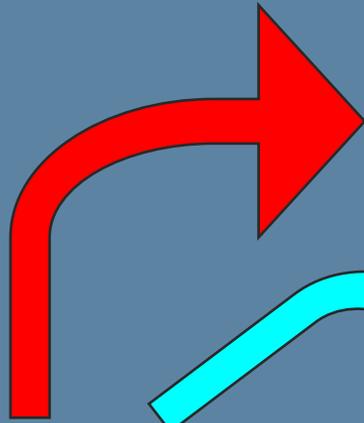
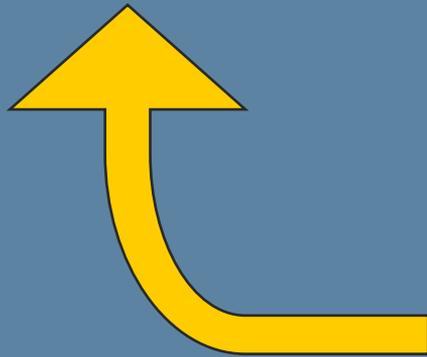
**Where will I
find the
information?**



**How will I
ethically
use the
information?**

**How will I get
there?**

**How good
is the
information?**



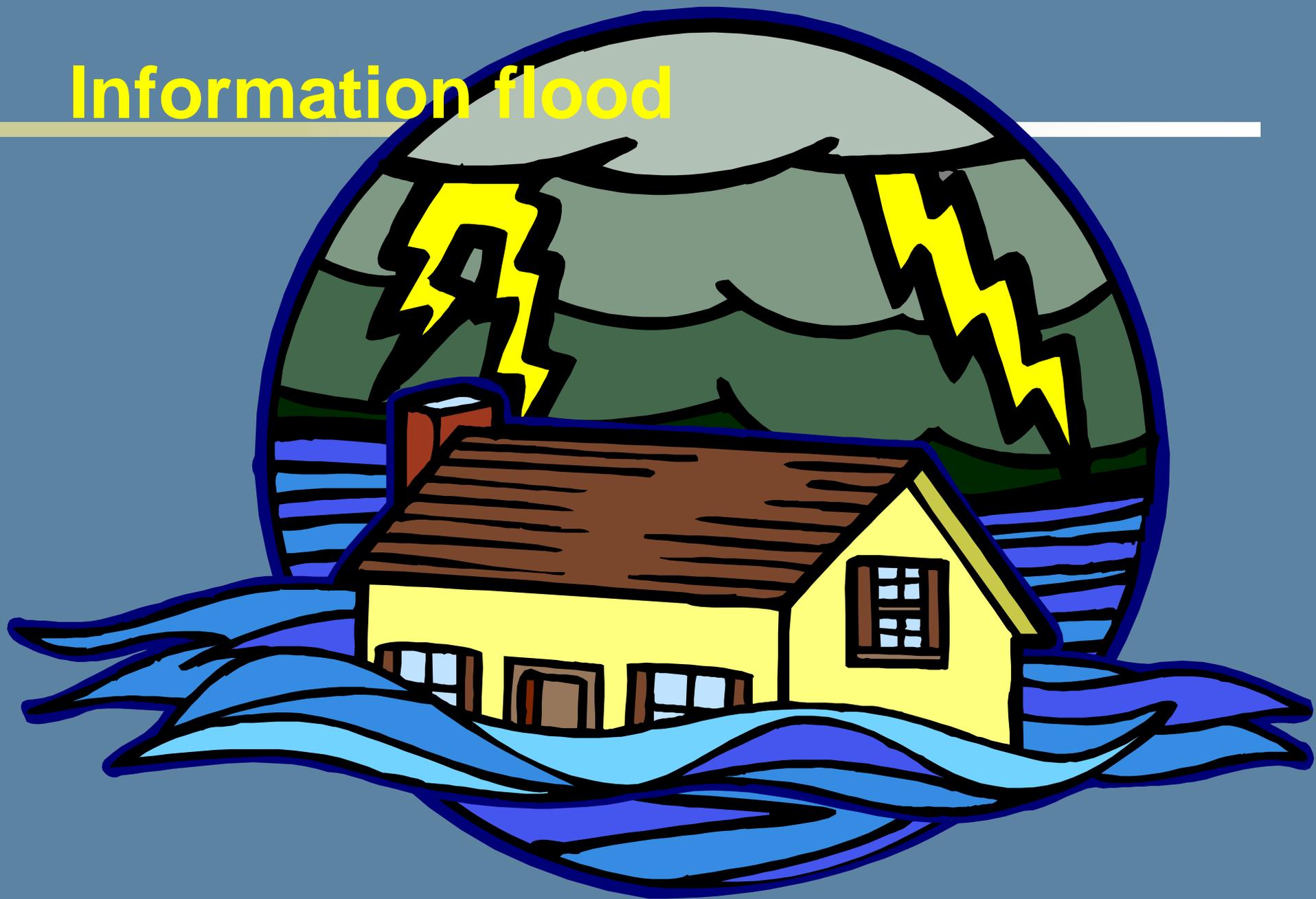
Really simple definition

- **Knowing what you want and how to find and use it.**

Information desert



Information flood



But is the information valid?

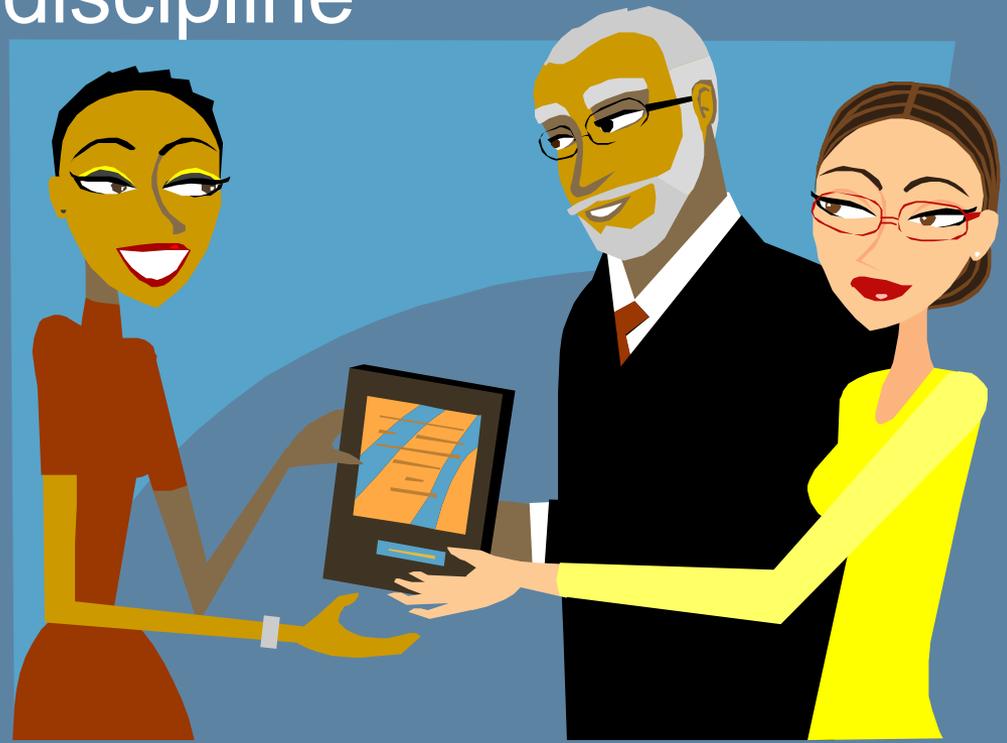


Why is IL important?

- Information is abundant
- There is so much junk out there
- Skills get out of date
- Change is constant

Why is IL important?

- Those who have formally studied Information Literacy skills *perform better* in their academic discipline
- Students needing remediation (48%-82% of entering CC students) perform better



Why is IL important?

- 80% begin with Google or Yahoo
- Only 1% begin with the library



To Google or not to Google?

- Know when and how to use Google
 - As a starting point
- Know how Google is organized

Results 1 - 10 of about 2,650,000 for christopher columbus [definition]. (0.09 seconds)

[Advanced Search](#)
[Preferences](#)

[Web](#) [Books](#) [Images](#)

Results 1 - 10 of about 2,650,000 for christopher columbus [definition]. (0.09 seconds)

Tip: Save time by hitting the return key instead of clicking on "search"

[Christopher Columbus](#) - [Wikipedia, the free encyclopedia](#)  

Christopher Columbus (between August 25 and October 31, 1451 – May 20, 1506) was a Genoese navigator, colonizer and explorer whose voyages across the ...

en.wikipedia.org/wiki/Christopher_Columbus - 161k - [Cached](#) - [Similar pages](#) - 

[Christopher Columbus: Explorer](#) - [EnchantedLearning.com](#)  

Christopher Columbus: Explorer. **Christopher Columbus** (1451-1506) was an Italian explorer who realized that the world was round and sailed across the ...

www.enchantedlearning.com/explorers/page/c/columbus.shtml - 32k -

[Cached](#) - [Similar pages](#) - 

[The Columbus Navigation Homepage](#)  

Examining the History, Navigation, and Landfall of **Christopher Columbus** ... A select bibliography of **Columbus** literature, with capsule reviews. ...

www.columbusnavigation.com/ - 10k - [Cached](#) - [Similar pages](#) - 

[1492 -- Christopher Columbus](#)  

Christopher Columbus. Man and Myth. After five centuries, **Columbus** remains a mysterious and controversial figure who has been variously described as one of ...

www.ibiblio.org/expo/1492.exhibit/c-Columbus/columbus.html - 6k -

[Cached](#) - [Similar pages](#) - 

[Christopher Columbus](#)  

Famous Leaders for Young Readers, **Christopher Columbus.**

gardenofpraise.com/ibdolum.htm - 31k - [Cached](#) - [Similar pages](#) - 

[Christopher Columbus](#)  

Illustrated page created by students tells about the first man since the Vikings to "discover" the New World

Sponsored Links

[Christopher Columbus](#)

Use Ask.com To Find It. Get Accurate Results & Fast Answers.
www.ask.com

Results 1 - 10 of about 48,600,000 for ataturk. (0.06 seconds)



ataturk

Search

[Advanced Search](#)
[Preferences](#)

Web [Video](#)

Results 1 - 10 of about 48,600,000 for ataturk. (0.06 seconds)

[Ataturk.com - Home](#)

Ataturk.org : Mustafa Kemal **Ataturk** [**Atatürk**](1881-1938) the founder of the Turkish Republic and its first President, stands as a towering figure of the ...

www.ataturk.com/ - 79k - [Cached](#) - [Similar pages](#) -

[Ataturk.com - Mustafa Kemal Atatürk](#)

Mustafa Kemal **Atatürk**, the founder of the Turkish Republic and its first President, stands as a towering figure of the 20th Century. ...

www.ataturk.com/index2.html - 55k - [Cached](#) - [Similar pages](#) -

[Mustafa Kemal Atatürk - Wikipedia, the free encyclopedia](#)

Mustafa Kemal **Atatürk** (19 May 1881–10 November 1938) was a Turkish army officer, revolutionary statesman, and founder of the Republic of Turkey as well as ...

en.wikipedia.org/wiki/Kemal_Ataturk - 344k - [Cached](#) - [Similar pages](#) -

Video results for **ataturk**



[Mustafa Kemal Atatürk \(First President of the ...](#)

81 min

video.google.com



[ATATURK-THE LEADER-part 1](#)

10 min

www.youtube.com

[Ataturk - All About Turkey](#)

Information on Mustafa Kemal **Ataturk**, founder of the modern Turkey. Prepared by a Professional Tour Guide in Turkey.

www.allaboutturkey.com/ataturk.htm - 9k - [Cached](#) - [Similar pages](#) -

[Ataturk Today.com](#)

An educational archive of facts on the life and achievements of Mustafa Kemal **Ataturk** and the early period of the Turkish Republic.

www.ataturktoday.com/ - 2k - [Cached](#) - [Similar pages](#) -

The nature of information

- How is it designed, stored, and organized?
 - Deep (hidden) Web
 - Opaque Web
 - Disappearing Web

The nature of information

Deep (hidden) Web

- Unindexed pages
- Dynamically generated
- No-index protocol (robots excluded) No-bots
- Paid portals
- Password protected sites

The nature of information

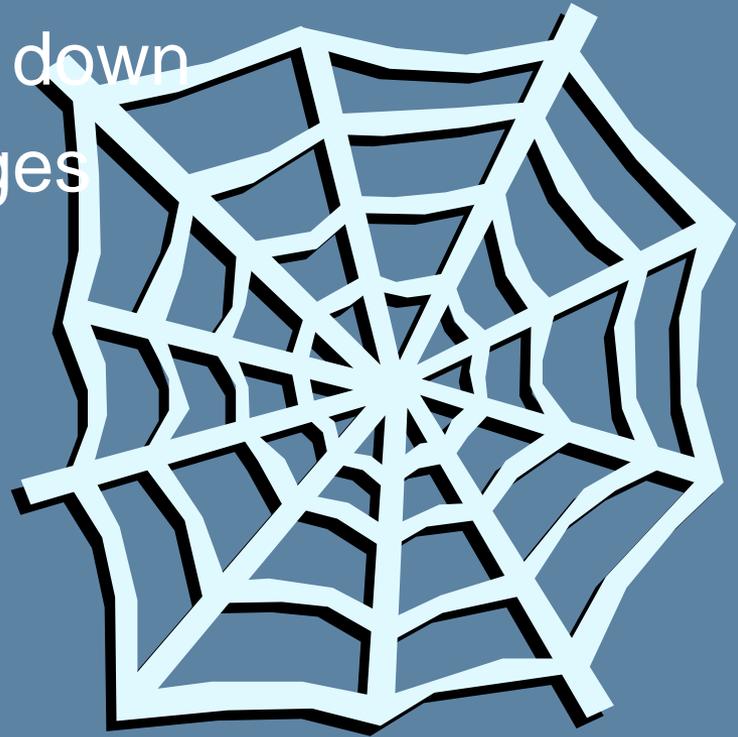
Opaque Web

- Might be indexed but it's not
 - First 100 sites

The nature of information

Disappearing Web

- Pages that are taken down
- Pages that are changes



The nature of information

- A basic concept:
 - ➔ The Internet is a series of databases
- Identify and choose the most appropriate information sources

The nature of information

- The user needs to know
 - What information is available to him/her
 - The organization of the information
 - The characteristics of the digital file

How to design a search strategy?

- Identify possible information sources
- Decide which will be the best
- Know how to use these sources
- Know when to ask for help
(of the librarian/teacher)



Why do we need to teach IL?

- To turn students into lifelong learners



Three critical elements to making the program successful:

- 1) Classroom faculty
 - 2) Learning Resources Center / Library
 - 3) Administration
- And, of course, the students

Virtual instruction models

- Use or create?
- Examples:
 - TILT
tilt.lib.utsystem.edu
 - 21st Century Information Fluency Project
21cif.imsa.edu
 - Comprehensive Online Research Education
gemini.lib.purdue.edu/core/login/login.cfm



Who will benefit?

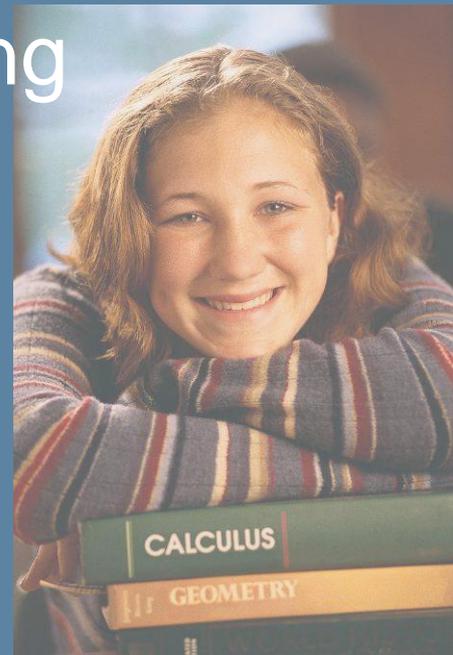


Students!!



Meaningful, engaged learning
for **all** students

- Auditory
- Visual
- Kinesthetic



What if we don't?

Students

- Won't be of the caliber of grads of other institutions
- Won't be on top of their game
- Will stagnate
- Won't be able to progress in their career and their life



Questions?



Teşekkür Ederim

Thank
you for
coming!

