

# Transformative Technology

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education

# Introductions

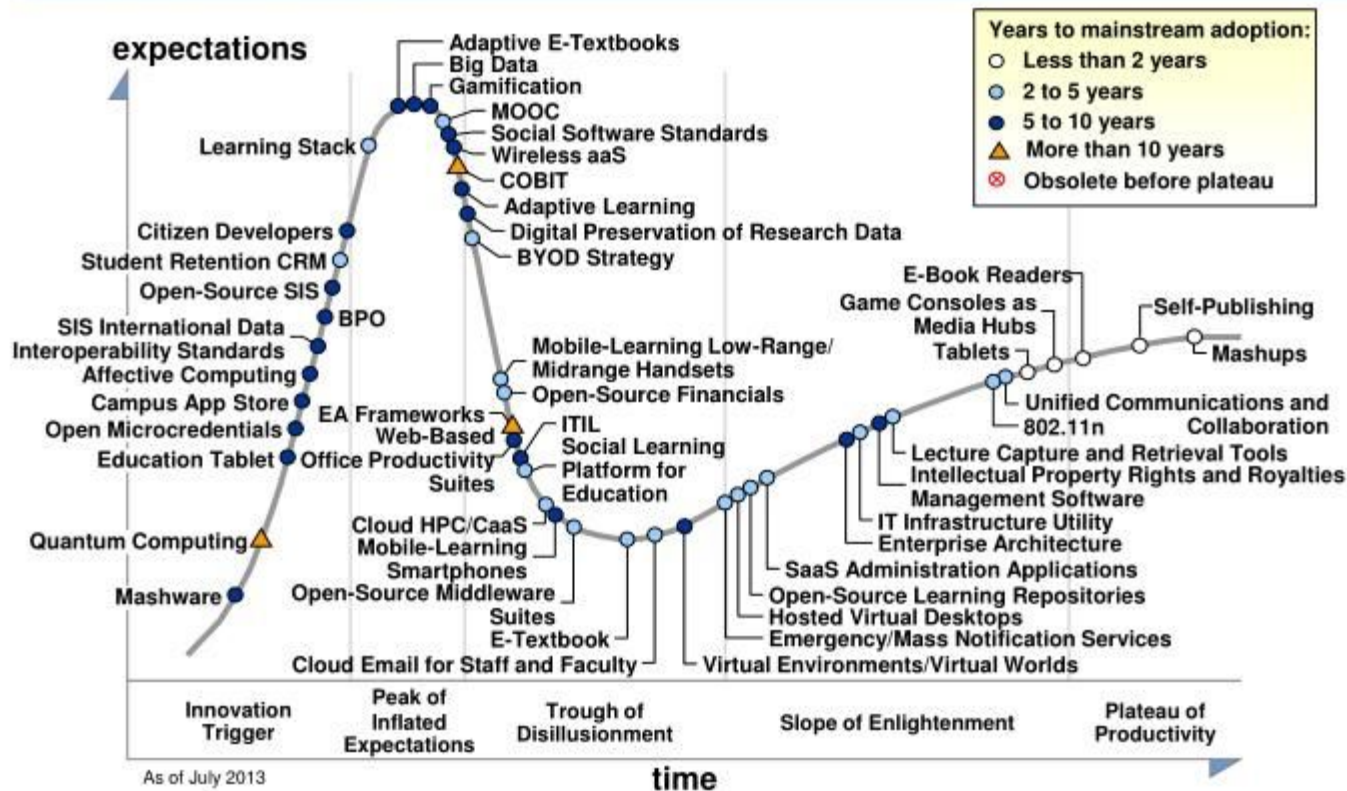
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Who we are. . .

Who you are. . .

# Hype Cycle for Education, 2013

## A CIO Toolbox



From, "Hype Cycle for Education, 2013," 25 July 2013 (G00251104)

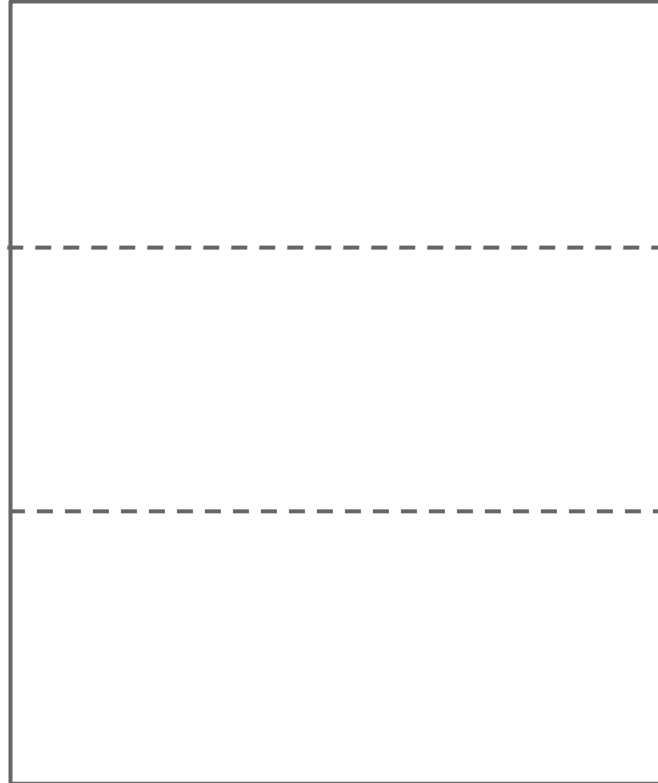
Off the Hype Cycle: e-portfolio, User-centric IAM, Organization-centric IAM, SOA, Student Enrollment CRM, Open-Source Portals, Social Media in Education



# Our goal

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The information we present will *actually change your practice.*



# Think about your classroom

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Current Condition

*or*



Goal

# Our goal statement

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Students  
bored/confused  
during explanation

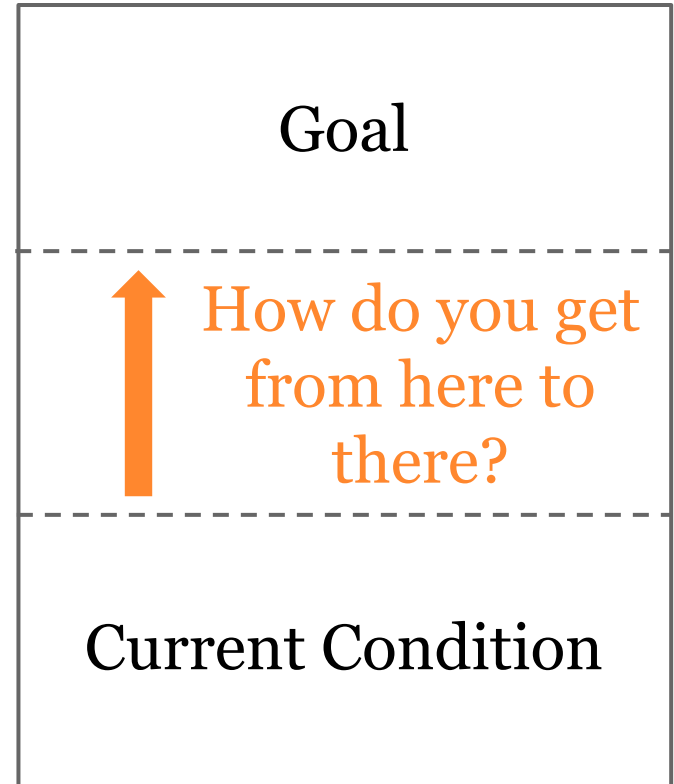
*or*

Let students teach  
each other

# Complete your goal statement

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Whichever part you described, describe the other part.



# From here to there, 1 of 4

Understanding your tools.

## The RAT Framework

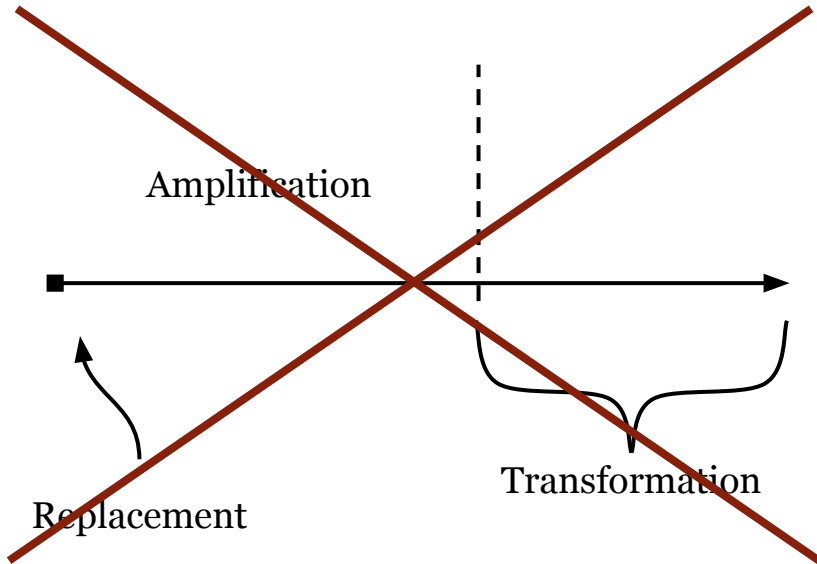
Hughes, Thomas, & Scharber (2006)

|                |                                      |
|----------------|--------------------------------------|
| Transformation | New goal                             |
| Amplification  | Same goal, but improved process      |
| Replacement    | Same old thing, just with technology |

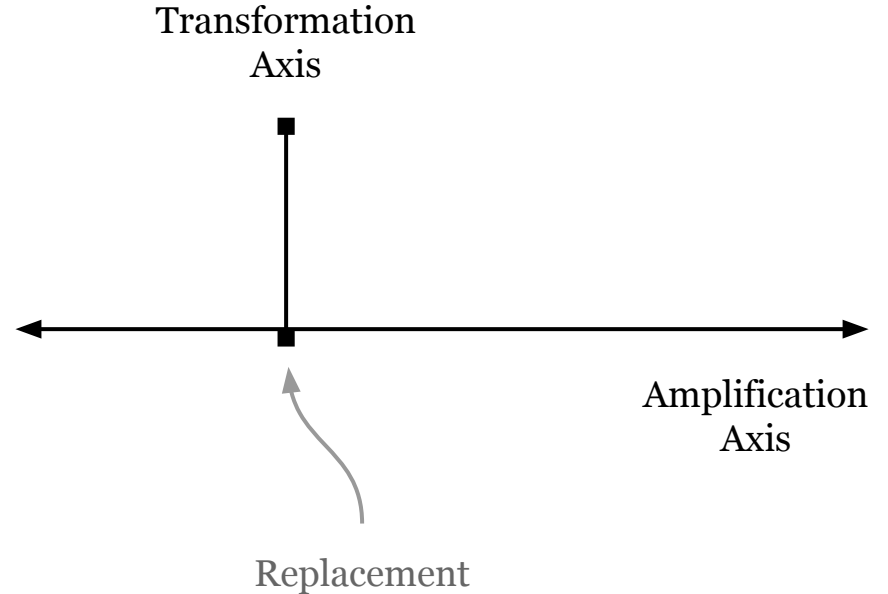


# From here to there, 1 of 4

The wrong view of RAT



Our view of RAT



# From here to there, 2 of 4

Flashy  
Popular  
Targeted  
Complicated

≠

Effective

# From here to there, 3 of 4

## Have an implementation plan.

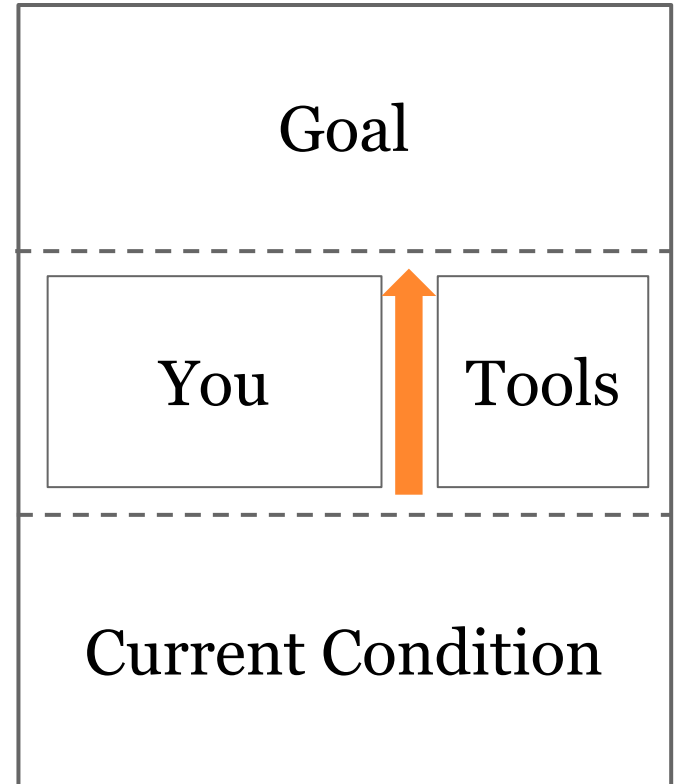
1. Identify possible changes you could make
2. Decide on a change to make
3. Find tools to facilitate the change
4. Discuss the change and new technology
5. Stop doing things the old way
6. Monitor and verify
7. Repeat

Cultural  
change

# From here to there, 4 of 4

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This change won't make itself; only you can create change in your classroom.



# From here to there, summary

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Tools do not use themselves--people use tools

Tools exist within a culture

Judge tools based on their utility

# Our goal statement

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Our solution needed to involve a change in the **balance of power** in the classroom.

Let students teach each other

A DIY Solution  
**Whudent.com**

Students  
bored/confused  
during lecture

# Collaborate

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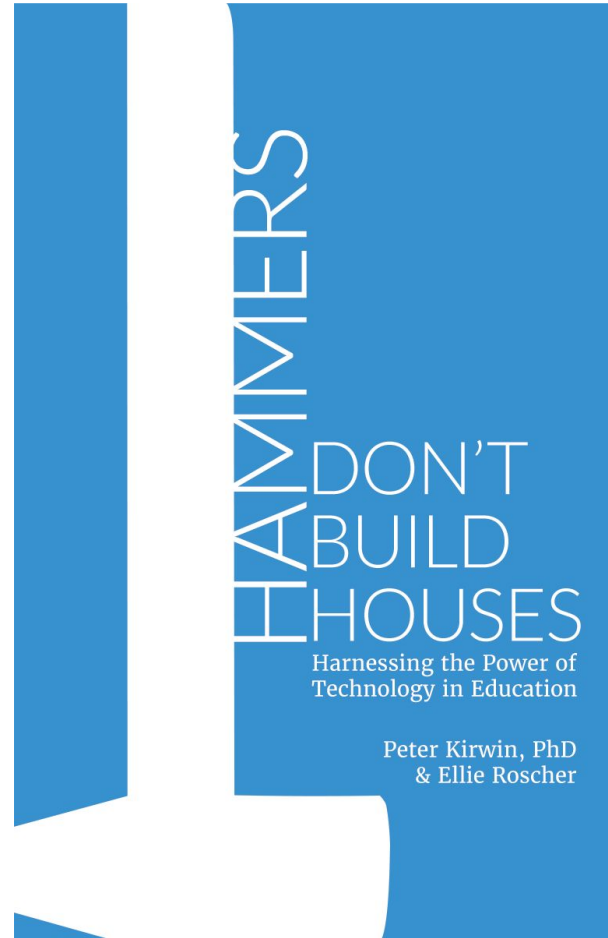
How much confidence do you have  
in **your ability to find a tool** to facilitate  
the change you hope to make?

Go to [www.whudent.com](http://www.whudent.com), select “I am a student,” and enter the code

**16qlr**

# Want more?

Check out our book  
*Hammers Don't Build  
Houses: Harnessing  
the Power of  
Technology in  
Education*





# Teacher Tech Jam

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- Four local EdTech companies
- Thursday, 14 Jan 2016
- 6:00pm-8:30pm
- Bakken Museum
- Food & clock hours!
- FREE!



# Thanks!

Please let us know what you think.  
[www.deminote.com](http://www.deminote.com) (code: 4.412115)



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## Keep in touch!

- ✓ [www.NudgeEducation.com](http://www.NudgeEducation.com).
- ✓ @NudgeEd
- ✓ [peter@NudgeEducation.com](mailto:peter@NudgeEducation.com)

# References

Hughes, J., Thomas, R., & Scharber, C. (2006, March). Assessing Technology Integration: The RAT–Replacement, Amplification, and Transformation-Framework. In *Society for Information Technology & Teacher Education International Conference* (Vol. 2006, No. 1, pp. 1616-1620).

# From here to there, 2 of 4

Where do you find tools?

- Colleagues
- Search engines
- DIY
- Professionals
- Others?