

Exercise: The Blame Game

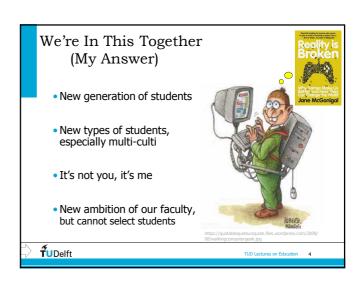
• Team work, first 2 minutes

1. Form team of 2-3 persons
2. Think about own experience
3. Convince your team before proposing an answer

• Open discussion, next 2 minutes
• Tell everyone the answer

Q: Who is responsible for the current yield of higher education?

Voting on best answer



We're In This Together (My Answer)

• New generation of students

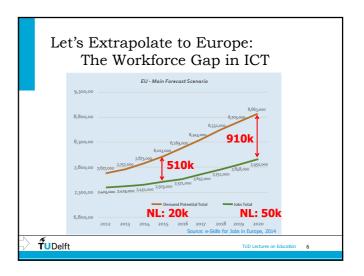
The main challenges for the future?

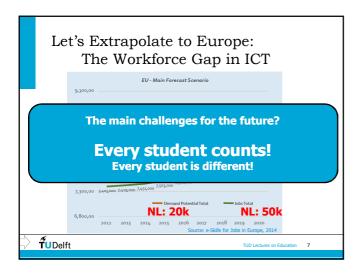
Every student counts!
Every student is different!

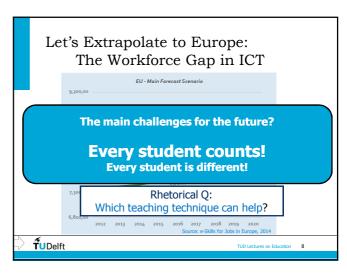
New amount or our racting,
but cannot select students

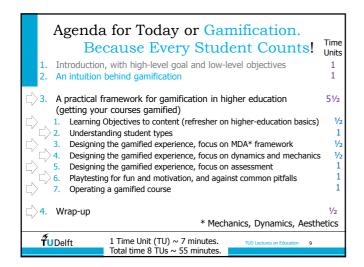
\*TuDelft \* THE-QS world rankings, 2013.

TuD Lectures on Education 5



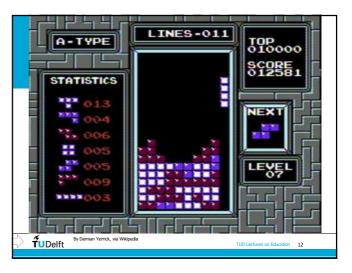


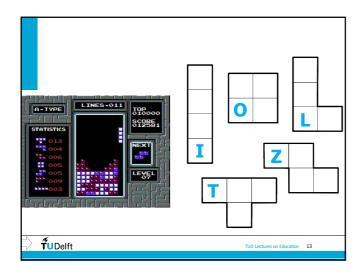


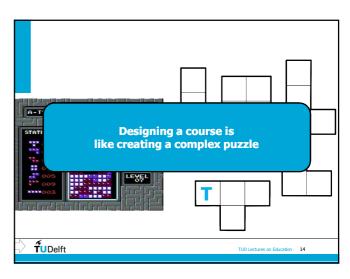


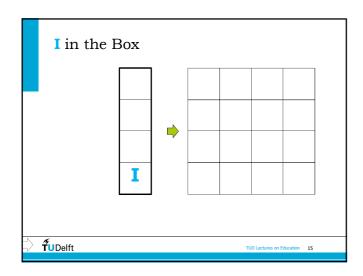


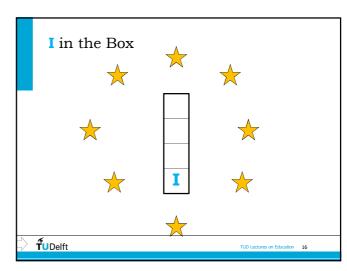


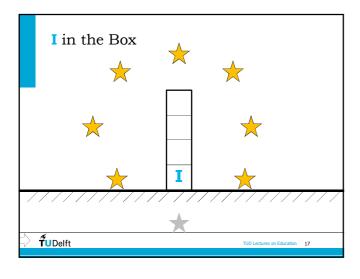


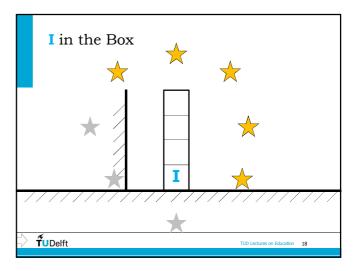


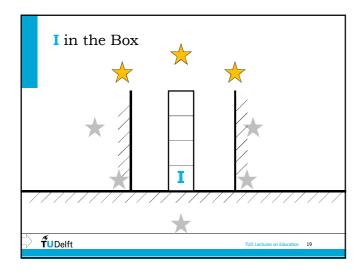


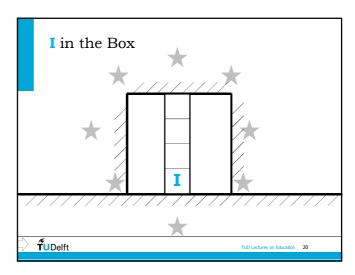


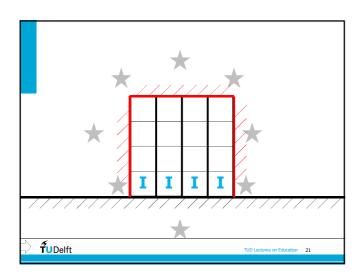


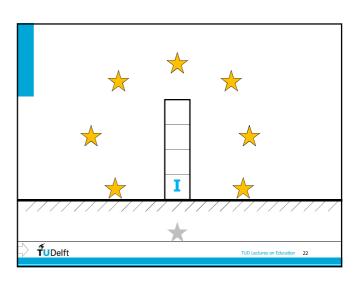


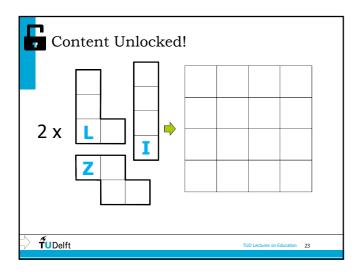


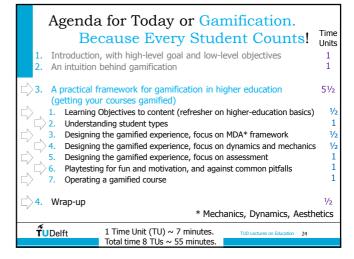






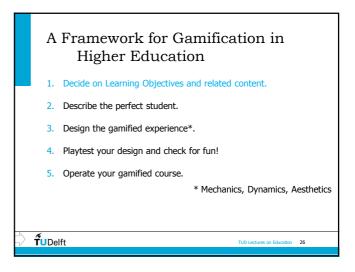


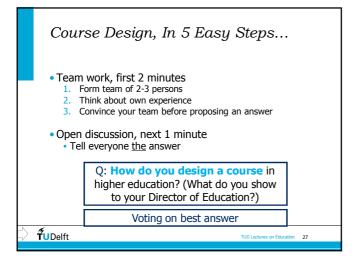


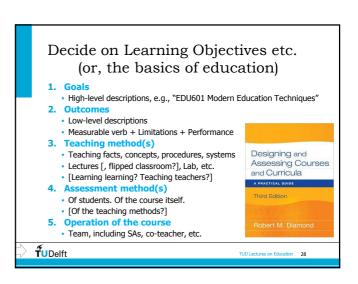


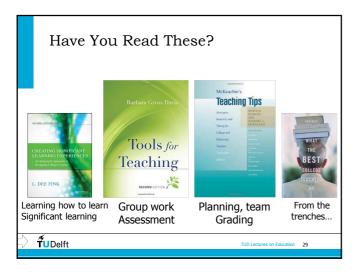
## A Framework for Gamification in Higher Education 1. Decide on Learning Objectives and related content. 2. Describe the perfect student. 3. Design the gamified experience\*. 4. Playtest your design and check for fun! 5. Operate your gamified course. \* Mechanics, Dynamics, Aesthetics

TUDelft (Assuming you want to gamify a traditional course.) TUD Lectures on Educ

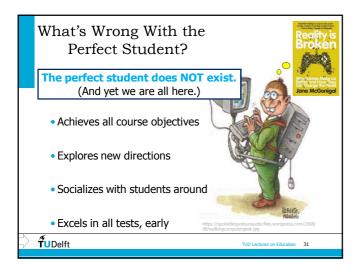


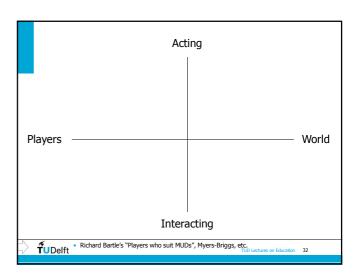


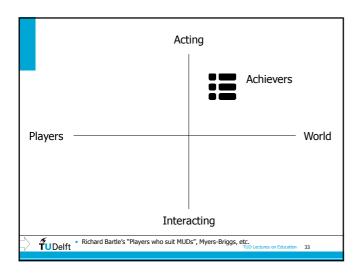


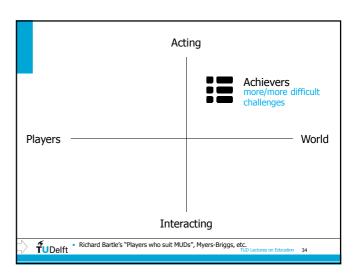


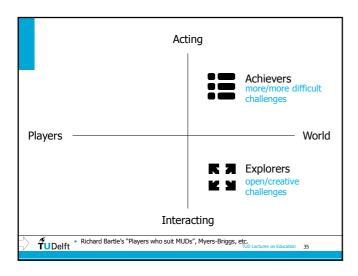


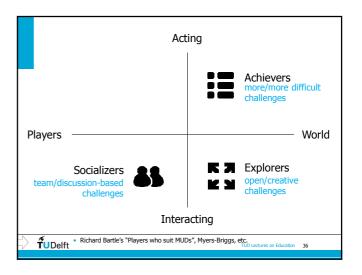


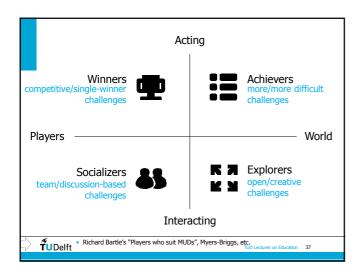


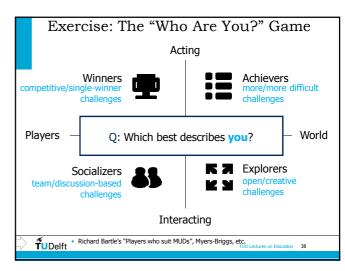


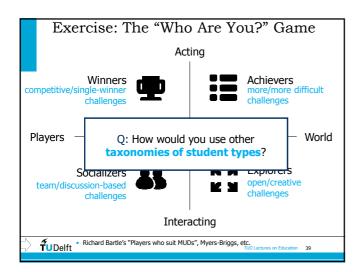


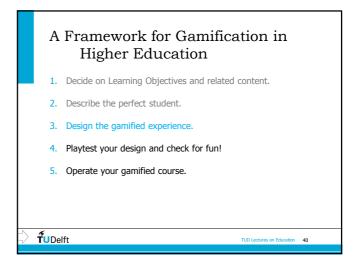


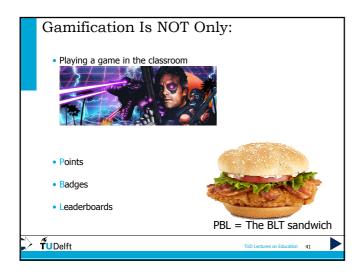


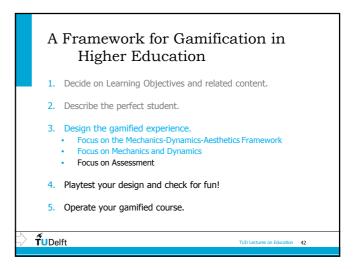






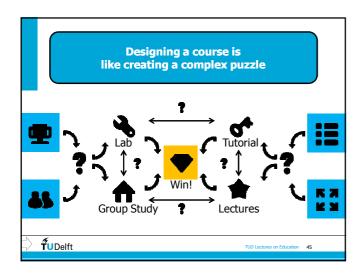


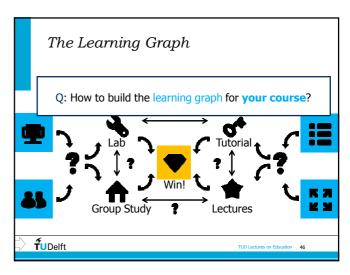


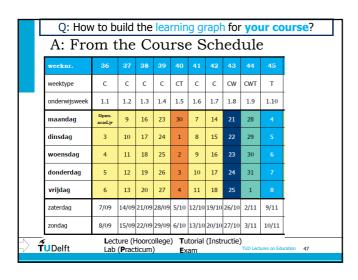


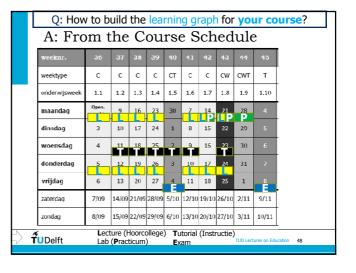


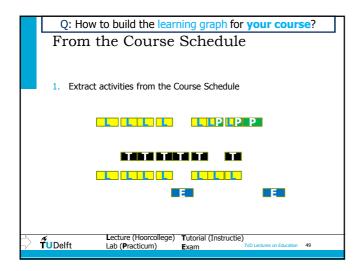


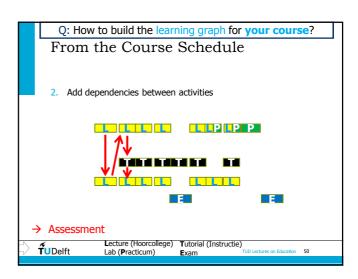


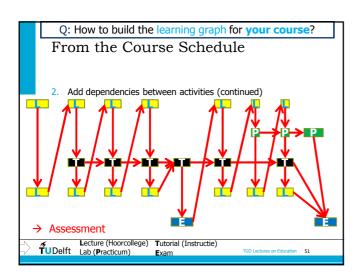


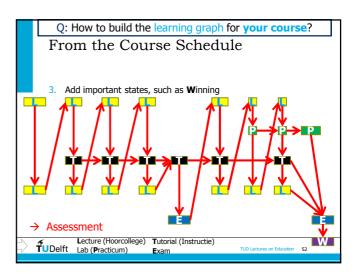


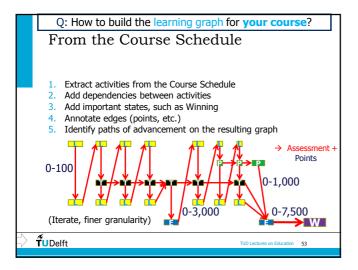


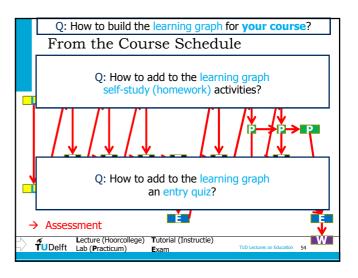


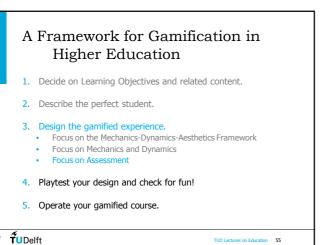


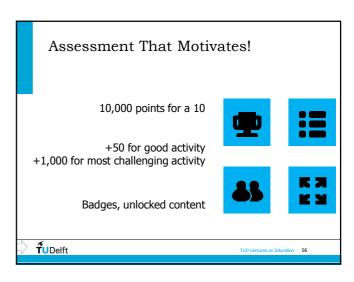




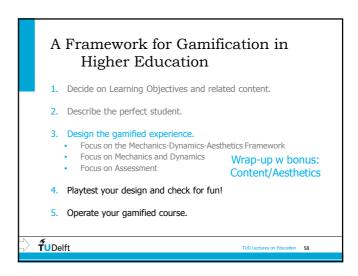


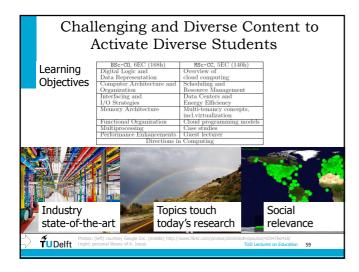




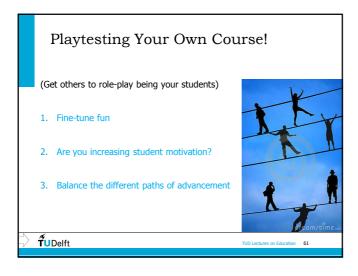


Our Diverse Scoring System		
1. Course Points	2. Access Tokens	3. Brownie Points
10,000 for straight 10	Start with 1	
+1,000 <b>team</b> self-study		
+1,000 lab bonus #2	Bonus Lab	I will bake
+500 lab bonus #1	assignments	brownies for you!
+300 correct exam Q	Advanced topics	(but not force
+50 activity in	(GPUs, clouds)	you to eat them)
Lab/Lecture/Tutorial	Discuss w Lecturer	THE REAL PROPERTY.
+25 correct end-lecture quiz	Propose Exam Qs	
+500 entry quiz	Rec. letter	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
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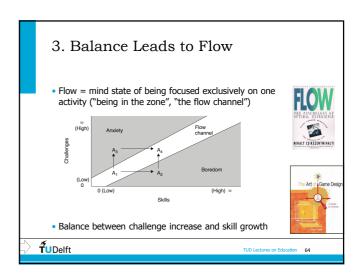






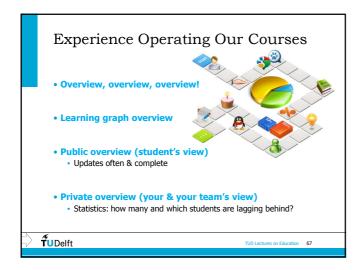


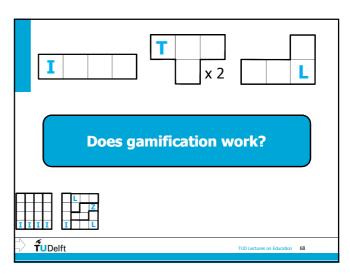


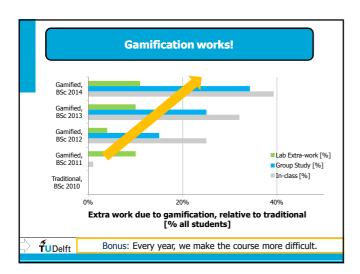










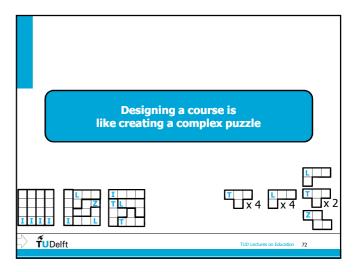


What Happens When A Student Does Not Like the Course Topic?

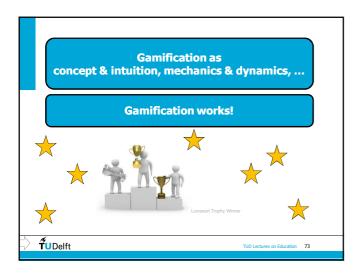
I want to thank you for showing that even though I'm not that good at written exams, I still can excel at other points in my study. I'd love to have a copy of my badge, as physical reminder of a course that made me eager to learn about things. Even when some of those things will never really have my interest.

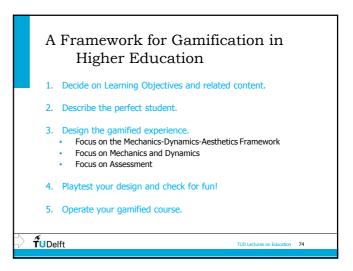
This course, and the way it was given, learned me a few things about what motivates me, and only for that reason it was totally worth getting up for every lecture.



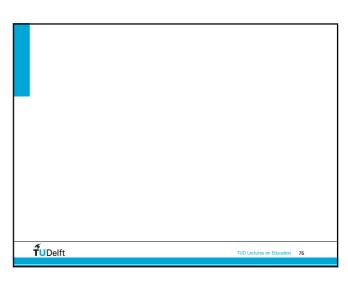


**Gamification Masterclass** 





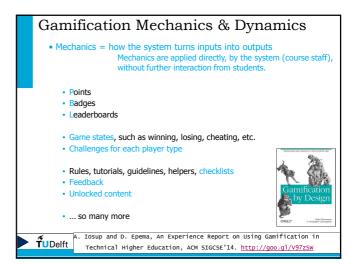


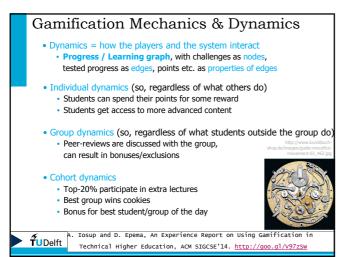


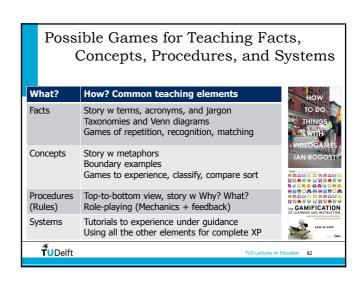


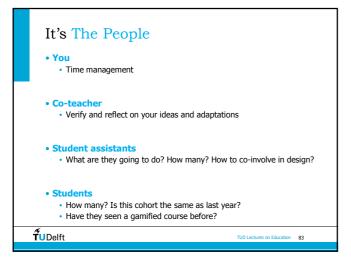


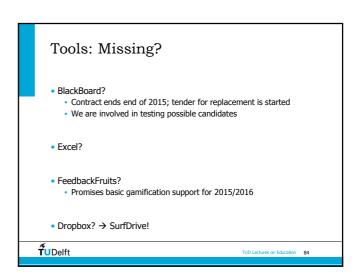






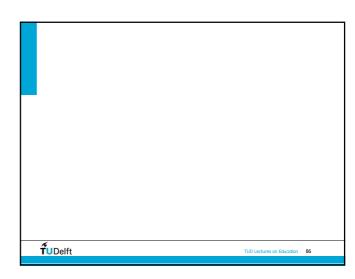






**T**UDelft





## References (Shortlist, brief info) A. Iosup, D. Epema: <u>An experience report on using</u> K. Bain, What the Best College Teachers Do, 2004. gamification in technical higher education. SIGCSE 2014. • G. Zichermann, C. Cunningham: Gamification by Design: Jane McGonigal: Reality is Broken: Why Games Make Us Implementing Game Mechanics in Web and Mobile Apps, Better and How They Can Change the World, 2011. 2011. Robert M. Diamond: Designing and Assessing Courses I. Bogost: How to Do Things with Videogames (Electronic and Curricula: A Practical Guide, 2008. Mediations), 2011 • L. Dee Fink : Creating Significant Learning Experiences: • K. M. Kapp: The Gamification of Learning and Instruction: An Integrated Approach to Designing College Courses, Game-based Methods and Strategies for Training and 2013. Education, 2012. R. Koster and W. Wright: Theory of Fun for Game Design, B. Gross Davis: Tools for Teaching, 2009. M. Svinicki, W. J. McKeachie: McKeachie's Teaching Tips: 2010. Strategies, Research, and Theory for College and M. Csikszentmihalyi: Flow, 1990. University Teachers 2010. J. Schell: The Art of Game Design: A book of lenses, 2008. **T**UDelft

