

Videos for Discussion of 21st Century Teaching and Learning and other Teacher Resources

- 1. Ken Robinson / Changing Educational Paradigms (11 min)**
<http://www.youtube.com/watch?v=zDZFcDGpL4U>
 - Animated expert from Ken Robinson TED Talk on the need for educational paradigms to shift from a 20 century factory model
- 2. Deeper Learning Series Overview (12 min)**
https://www.teachingchannel.org/videos/deeper-learning-a-series-overview?referral_code=3kV-7aDan8R5hU8Vjsxu
 - Overview of 10 school networks within the Deeper Learning Network, each of which focus on engaging students in the practice of 21st skills and dispositions
- 3. Engaging Students in Work that Matters (13 min)**
<https://www.teachingchannel.org/videos/engage-students-meaningful-work-hth>
 - Middle and high school students discuss projects that have meaning to them
- 4. An Unfamiliar Revolution in Learning / Mission Hill K-8 (6 min)**
https://www.youtube.com/watch?v=2A9yor_4Qdo
 - K-8 Mission Hill students and teachers talk about Habits of Mind, integrated learning and students developing empathy
- 5. Polaris Academy (4.5 min)**
<https://www.youtube.com/watch?v=gcRRXJU5q288>
 - Reflections of the first graduating class of Polaris Academy (HS), Class of 2014.
- 6. Explorer Elementary Student Projects (6 min)**
<https://www.youtube.com/watch?v=v9JokfKBHxA>
 - Elementary school students present projects and illustrate 21st century skill building
- 7. Codman Academy Students Study Traffic Data / High School (1 min)**
<http://elschools.org/press-center/codman-academy-students-study-traffic-data>
 - High school students discuss a traffic data study they are doing
- 8. Media Saves the Beach / High School (5 min)**
<http://www.youtube.com/watch?v=O55XLbJXUqQ>
 - High school students discuss a rigorous and meaningful school project
- 9. 21st Century Skills Culture at High Tech High / Middle and High School (6 min)**
<https://www.youtube.com/watch?v=rrwO357zR8c>
 - Middle school students discuss rigorous and meaningful school projects

10. **Expeditionary Learning – Soil Superheroes (6 min)**
<https://www.youtube.com/watch?v=s6KCpIXTXAM>
 - o 7th grade students create Soil Superheroes in this STEAM project
11. **Dana Elementary School: A P21 21st Century Learning Exemplar (5.5 min)**
<https://www.youtube.com/watch?v=ayyJ6vJDIAE>
12. **The Four C's: Making 21st Century Learning Happen (8 Min)**
<https://www.youtube.com/watch?v=ghx0vd1oEzM>
 - o Middle and high school students illustrate 21st century learning
13. **RSA Animate – Drive: The Surprising Truth About What Motivates Us (8 Min)**
<https://www.youtube.com/watch?v=u6XAPnuFjJc>
 - o Daniel Pink discusses what motivates people at home, in school and in the workplace: Autonomy, Mastery and Purpose
14. **Edutopia Schools The Work Video Series**
 - o Go to Edutopia website for a wide range of videos on successful 21st century educational practices
15. **Swampscott High School and Senior Center, MA (6 Min)**
<https://www.youtube.com/watch?v=kpKp6UPxxsY>
 - o How the integration of a communities' Senior Center into the new high school building enriches the lives of students and seniors
16. **What is STEM? STEM Integration in K – 12 Education (3 Min)**
<https://www.youtube.com/watch?v=AIPJ48simeE>
 - o Imagine if K-12 students were taught in ways that highlighted these connections, making their education more relevant to their lives and opening doors to new and exciting careers. Watch this video and tell us what you think!
17. **The Flipped Classroom (2Min)**
<https://www.youtube.com/watch?v=2H4RkudFzlc>
 - o The what any why of flipping a classroom
18. **I Flip, You Flip, We All Flip: Setting Up a Flipped Classroom (24 Min)**
<https://www.youtube.com/watch?v=ZRvmjjeZ9CA>
 - o This how to video explains the idea behind flipping, some things to think about as you begin and some concrete steps to getting your first lecture video up on the internet. It's stupid easy and free

19. Blended Learning: The Learning Accelerator (5 Min)

<https://player.vimeo.com/video/78871778>

- o The Learning Accelerator focuses specifically on three core elements of blended learning: personalized learning, competency-based progression, and the effective application of technology to make these possible at scale.

20. ELL – Edutopia: Success Spoken Here: Preparing Citizens of the World (8 Min)

<http://www.edutopia.org/john-stanford-international-school-language-immersion-video>

- o Using Spanish and Japanese to learn English - for more than 12 years, Seattle's John Stanford International School has been a model for international schools, immersing its elementary students in global awareness and achieving academically as well.

21. Student Engagement: How the Maker Movement Connects Students to Engineering and Tech (8 Min)

<http://www.edutopia.org/video/how-maker-movement-connects-students-engineering-and-tech>

- o Eighth-grader Quin uses his passion for electronics to teach fellow students about 3D printing, arduinos, and other hands-on lessons in STEM skills.

22. Early Childhood / PreK Active Play (4 Min)

<https://www.youtube.com/watch?v=siwmz12TR78>

- o How playing can help all aspects of a child's development and improve their health.

23. The Next State of Learning: New Hampshire (5 Min)

http://blogs.edweek.org/edweek/learning_deeply/2015/12/as_50_states_prepare_to_reimagine_education_policy_four_are_able_to_offer_guidance.html?cmp=eml-enl-eu-news3

- o (PAC) Performance Assessment of Competency Education
- o (ELO) Extended Learning Opportunities
- o The community being part of the change

24. The Optimal Seating Plan? Letting Your Students Choose (5 Min)

<https://www.edutopia.org/article/optimal-seating-plan-letting-your-students-choose-emelina-minero>

- o How flexible classroom furniture can influence student participation

25. Changing the Subject (6 Min)

<http://www.bing.com/videos/search?q=larry+rosenstock+videos&qvvt=larry+rosenstock+videos&view=detail&mid=6323B1B8460E6F1EF1706323B1B8460E6F1EF170&&FORM=VDRVRV>

- o Larry Rosenstock on PBL

26. **Project Based Learning Explained** (4 min)
<http://www.bing.com/videos/search?q=project+based+learning+video&&view=detail&mid=D2E6636D3F82B5AA95B5D2E6636D3F82B5AA95B5&FORM=VRDGAR>
- Animation on how PBL works and why
27. **edutopia** (George Lucas Educational Foundation) <https://www.edutopia.org/>
“Find resources to help you implement project-based learning, social and emotional learning, comprehensive assessment, teacher development, integrated studies, and technology integration. Read more about our [core concepts](#) or see our list of [all topics](#).”
The Edutopia website has hundreds of videos encompassing most every aspect of education
<https://www.edutopia.org/videos>
28. “At the **Buck Institute for Education (BIE)**, our highest priority is to help teachers prepare students for successful lives. We do this by showing teachers how to use Project Based Learning in all grade levels and subject areas.”
The www.bei.org website a vast amount of teacher resources on Project Based Learning (PBL) including books, articles, curriculum and of course hundreds of videos:
<http://www.bie.org/objects/cat/videos>
29. **Induction Program for New Science Teachers Starts With Exploration** (3 min)
<http://www.edweek.org/tm/articles/2016/10/05/induction-program-for-new-science-teachers-starts.html>
- Teaching teachers