

Coherence Planning Kick-Starters

Purpose: To provide some sources of information (video, text, visual) that encourage Strategic Coherence Planning participants to think deeply about the implications of our changing world for what appropriate preparation for life, learning, and work beyond school means for students in a digital age.

Visions and the Need for Change: What will the future look like?

A 4 minute video from the MacArthur Foundation about reaching digital natives...

<http://www.youtube.com/watch?v=c0xa98cy-Rw>

A series of web resources that connect gaming with learning...

<http://www.gamesandlearning.org/>

An awesome 11 minute video summary of the case for transformations...

<http://www.youtube.com/watch?v=zDZFcdGpL4U>

An article on the impact of social networking and connectivity on learning...

<http://www.guardian.co.uk/teacher-network/teacher-blog/2013/jun/19/technology-future-education-cloud-social-learning>

A web-based summary of Stanford University's thinking on the topic...

<http://edf.stanford.edu/>

A 3 minute video about the joint effort of Harvard and MIT -

<http://www.youtube.com/watch?v=MJZN700YS0o>

A short article on the coming wave of virtual reality tools and the educational potential and challenge they will create.

<https://www.linkedin.com/pulse/potential-challenges-virtual-reality-education-agustin-molino>

Two 10 minute videos that touch on the awesome power of virtual reality to create empathy and learning.

https://www.ted.com/talks/chris_milk_how_virtual_reality_can_create_the_ultimate_empathy_machine

https://www.ted.com/talks/nonny_de_la_pena_the_future_of_news_virtual_reality

A variety of other interesting links and perspectives...

<http://www.futureofeducation.com/>

<http://www.envisioning.io/education/>

<http://www.wired.com/2013/09/the-future-of-education-byod-in-the-classroom/>

<http://www.theamericanconservative.com/unschooling-the-future-of-education/>

<http://www.bbc.com/future/tags/futureeducation>

21st Century Skills: What, Why, and How?

My team's web page that describes our skills21 program and our supporting resources.

<http://www.skills21.org>

Six Skills you will need for 2034

<http://www.scholastic.com/parents/resources/article/thinking-skills-learning-styles/6-life-skills-kids-need-future>

Another take –

<http://edglossary.org/21st-century-skills/>

And another – (see a pattern in these responses?)

<https://www.imls.gov/impact-imls/national-initiatives/museums-libraries-and-21st-century-skills/museums-libraries-and-21st-century-skills-definitions>

An awesome 13 minute video of one of our 15 year-old students describing her year-long experience with us and the product of her team's work.

http://www.youtube.com/watch?v=z7_3NF3Jd94&feature=youtu.be

This article from Lawrence Summers – Harvard President – about the changes – or lack of changes – needed at the university level driven by 21st century skills.

<http://www.nytimes.com/2012/01/22/education/edlife/the-21st-century-education.html?page=wanted=all>

This web article discusses the emergence of programming – the language of the digital age – as THE CORE 21st Century Skill

[http://readwrite.com/2013/05/31/programming-core-skill-21st-century?utm_source=feedburner&utm_medium=feed&utm_campaign=Feed:+readwriteweb+\(ReadWriteWeb\)](http://readwrite.com/2013/05/31/programming-core-skill-21st-century?utm_source=feedburner&utm_medium=feed&utm_campaign=Feed:+readwriteweb+(ReadWriteWeb))

General Self-Directed Instructional Resources and Ideas

Kahn Academy – the site that launched the idea of the “Flipped Classroom”

<https://www.khanacademy.org/>

Customized reading articles based on current events and a reader’s ability – assessments included – a breakthrough in personalized language arts instruction.

<http://www.newsela.com>

Welcome to the world of the MOOC – Massive Open Online Course – changing the face of learning and higher education.

<https://www.coursera.org/>

Let the masses have access to the information! MIT’s open courseware project.

<http://ocw.mit.edu/index.htm>

A nice summary of the empowering nature of digital learning

<http://theinnovativeeducator.blogspot.com/2011/01/10-ways-technology-supports-21st.html>

A charming 19 minute video about seeing learning as cartography and how digital tools enable the creation of your own communities of learning.

https://www.ted.com/talks/john_green_the_nerd_s_guide_to_learning_everything_online

General Wow Stuff!

TED Talks, TED Talks Education, and TEDx - An array of TED Talks related to learning and education topics – I am sorry, but if you cannot find something here that sparks your thinking you should proceed to the Emergency Room because your sparker is broken!

<http://www.ted.com/>

<http://www.ted.com/promos/TEDTalksEducation>

Power of Focus!

As I have helped districts with planning and improvement through the years, I have found the most important and often forgotten truism is that people and organizations that do not have goals or focus end up where they are rather than where they want to be. Here are three classic works that remind us in different ways why this iron law of success has always been and will always be.

- **The Goal: A Process of Ongoing Improvement**, by Eliyahu M. Goldratt and Jeff Cox
- **Results: The Key to Continuous School Improvement**, by Mike Schmoker
- **Good to Great: Why Some Companies Make the Leap...And Others Don't**, by Jim Collins

Find Your Own!

Using Google or another search engine that works for you, explore instructional resources online and then copy and paste the link below with the following information:

Link:

Source:

Best Uses and Reliability/Trustworthiness Review:

Link:

Source:

Best Uses and Reliability/Trustworthiness Review:

Articles anti technology (yes I am a bit of a luddite) (Sara Langbert)

<https://www.psychologytoday.com/blog/the-media-psychology-effect/201203/brain-behavior-and-media>

<http://www.nytimes.com/2012/11/01/education/technology-is-changing-how-students-learn-teachers-say.html>

http://www.huffingtonpost.com/2015/02/04/teens-sleep-day-screen-time_n_6604706.html

Great Article I am sure most of you already saw

<http://www.nytimes.com/2016/09/11/magazine/fortress-of-tedium-what-i-learned-as-a-substitute-teacher.html>