

Online Resources

Changes text in news articles by Lexile levels (grades 3-12) - <https://newsela.com>

Longitudinal college planning resource guide - gettingthemthere.com

Johns Hopkins - online math and science gifted community - <https://cogito.cty.jhu.edu/about-us/for-students/>

TEDxTeen Talks - <http://tedxteen.com/talks>

Curriculum:

John/Hank Green's Crash Courses -

https://www.youtube.com/results?search_query=john+green+crash+course

MOOCs (Massive Open Online Courses)...

Coursera.org - <https://www.coursera.org/course/techcity>

Udacity.com - <https://www.udacity.com/courses#!/All>

New/Current/Emerging technologies ...

In the **textile industry** - <http://drexel.edu/now/news-media/releases/archive/2014/February/NSF-vizualization-challenge/>

Google Glass - <http://www.youtube.com/user/Google?v=v1uyQZNg2vE>

Will 3D Printing Change the World? - <http://www.youtube.com/watch?v=X5AZzOw7FwA>

Medicine - <http://www.youtube.com/watch?v=G0EJmBoLq-g>

da Vinci robot – computer assisted surgery– da Vinci robot – computer assisted surgery - <http://www.youtube.com/watch?v=D-ORT8CfsQ>

Food - <http://www.youtube.com/watch?v=7HX9tVCbm5g>

Metal - <http://www.youtube.com/watch?v=i6Px6RSL9Ac>

Marketing/Access - <http://www.youtube.com/watch?v=IS4Xw8f9LCc>

An Internet of things - <http://www.ask.com/youtube?q=internet+ofthings+video&v=LVIT4sX6uVs>

Gamification - <http://www.youtube.com/watch?v=eK4k8Ed6RUQ>

For Children:

Computer literacy for children - <https://www.play-i.com/>

7 Apps for Teaching Children Coding - <http://www.edutopia.org/blog/7-apps-teaching-children-coding-anna-adam>