

Easily Accessed Online Tools for STEAM Educators - Laura Smith

1. Virtual Tours and Interviews

Virtual Museum Tours

<https://www.mentalfloss.com/article/75809/12-world-class-museums-you-can-visit-online>

<https://www.atlasobscura.com/articles/culture-for-children-during-coronavirus>

Virtual Field trips

<https://www.discoveryeducation.com/community/virtual-field-trips/>

Google earth tours

<https://www.google.com/earth/education/tools/tour-builder/>

Interview a professional

<https://www.skypeascientist.com/>

2. Simulations and interactives

pHet

<https://phet.colorado.edu/>

Gizmos

<https://www.explorellearning.com/>

Subject specific - Online Dissections

<http://www.bio200.nsm.buffalo.edu/labs/tutor/Squid/>

NOVA

<https://www.pbs.org/wgbh/nova/brand/education/> <https://www.pbs.org/wgbh/nova/tech/structure-of-metal.html>

NOAA

<https://www.noaa.gov/educational-resources> <https://vis.globe.gov/GLOBE/>

NASA

<https://www.nasa.gov/stem/about.html> <https://solc.gsfc.nasa.gov/index.html>
https://www.nasa.gov/multimedia/3d_resources/scan.html

3. Online assessments

QUIZLET

<https://quizlet.com/>

QUIZZIZ

<https://quizizz.com/join>

KAHOOT

<https://kahoot.com/>

4. Video clips

Youtube channels

- Khan Academy
- Grammar Girl
- History (Channel)
- Numberphile
- Sci Show
- Big Think
- MIT Open Course Ware

Pbs learning media

<https://indiana.pbslearningmedia.org/>

Discovery education

<https://www.discoveryeducation.com/>

Subject specific - Evolution in Yellowstone National Park

<https://www.youtube.com/watch?v=ysa5OBhXz-Q>

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