

HOSA / Health Science Classroom  
Additional Helpful Links

**NEW ADDITIONS:**

- **NOVA Teachers Health Science Classroom Activities** – includes Anatomy & Physiology, Development, Disease, Medicine, Nutrition, and Public Health  
[https://www.pbs.org/wqbh/nova/education/resources/subj\\_05\\_03.html](https://www.pbs.org/wqbh/nova/education/resources/subj_05_03.html)

---

- At home WBL lessons to guide students by SBCoROP  
[https://www.pinterest.com/a4e0004/\\_created/](https://www.pinterest.com/a4e0004/_created/)
- **AES Learning Center Free Lesson Plans**
- **Georgia Career, Technical & Agricultural Education Class Starters & Enders**
- Check this link the Smithsonian is allowing open access to thousands of images. Check it out @ <https://si.edu/openaccess>
- Check this link for some awesome pics:  
<https://www.facebook.com/mrpooresawesomepageofscience/>
- Whiteboard Tool  
<https://whiteboard.fi>
- TED Talk “Why Some Students Fail and Other Students Succeed” by Angela Lee Duckworth  
[https://www.ted.com/talks/angela\\_lee\\_duckworth\\_grit\\_the\\_power\\_of\\_passion\\_and\\_persistence/discussion](https://www.ted.com/talks/angela_lee_duckworth_grit_the_power_of_passion_and_persistence/discussion)
- Exploring Bioethics NIH Curriculum Supplements  
<https://science.education.nih.gov/HighSchool/ExploringBioethics>
- Emerging & Re-emerging Infectious Diseases (dated but does have interactive online component for students)  
<https://science.education.nih.gov/HighSchool/EmergingInfectiousDiseases>
- National Anatomy & Physiology Teachers Page on Facebook  
<https://www.facebook.com/photo.php?fbid=10157362138152353&set=p.10157362138152353&type=3>
- Purpose Games  
<https://www.purposegames.com/game/digestive-system-labeling-interactive-game>

**Teacher’s Tips:**

- Zoom helps  
[https://wakelet.com/wake/EvZ6O3v12HVHo4IYGTDbo?fbclid=IwAR1bXiaSUEO7HBARaYZZzWxZl78tWauruBC\\_2tqe1O0vzh8syjBZT7WQQGg](https://wakelet.com/wake/EvZ6O3v12HVHo4IYGTDbo?fbclid=IwAR1bXiaSUEO7HBARaYZZzWxZl78tWauruBC_2tqe1O0vzh8syjBZT7WQQGg)

- Best Practices for Online Teaching  
[https://wakelet.com/wake/EvZ6O3v12HVHo4IYGTDbo?fbclid=IwAR1bXiaSUEO7HBARaYZZzWxZl78tWauruBC\\_2tqe1O0vzh8syjBZT7WQQGg](https://wakelet.com/wake/EvZ6O3v12HVHo4IYGTDbo?fbclid=IwAR1bXiaSUEO7HBARaYZZzWxZl78tWauruBC_2tqe1O0vzh8syjBZT7WQQGg)
- Online Teaching Tips -from assessment to engagement to feedback  
<https://us.corwin.com/en-us/nam/online-teaching-toolkit>

### Teacher Education / Inspiration:

- Fink, K. (2020, March 27). Zoom 101 for teachers. *We Are Teachers*. Retrieved from <https://www.weareteachers.com/zoom-for-teachers/>
- Simon Sinek- Millennials in the workplace (17:36):<https://www.youtube.com/watch?v=NEsUudZvntE> –very interesting perspective on millennials as students as well.
- Sinek, S. (2016). Together is better: A little book of Inspiration. Found on Amazon, [https://www.amazon.com/Together-Better-Little-Book-Inspiration/dp/1591847850/ref=sr\\_1\\_2?dchild=1&keywords=together+is+better+simon+sinek&qid=1596985535&sr=8-2](https://www.amazon.com/Together-Better-Little-Book-Inspiration/dp/1591847850/ref=sr_1_2?dchild=1&keywords=together+is+better+simon+sinek&qid=1596985535&sr=8-2)

### Health Science Year Two:

- How to write an annotated bibliography (4:19)  
[http://sites.umuc.edu/library/libhow/bibliography\\_tutorial.cfm](http://sites.umuc.edu/library/libhow/bibliography_tutorial.cfm)
- Expressive aphasia- Sarah Scott, <https://www.youtube.com/watch?v=1apITvEQ6ew> (7:18). First three minutes are great for recognizing aphasia and discussing how to effectively communicate with patients.
- Disability Sensitivity Training: <https://www.youtube.com/watch?v=Gv1aDEFIXq8> (3:40) great video for sensitivity awareness.
- Understanding insurance: <http://kff.org/understanding-health-insurance/> (5:22) Kaiser Permanente created this to help people understand out of pocket costs, types of premiums, and plans.
- [2 Things Recruiters HATE to Read on Cover Letters \(3:07\)- https://www.youtube.com/watch?v=KwYzM1Xpm1Y](https://www.youtube.com/watch?v=KwYzM1Xpm1Y)
- Article on Types of Interviews- <https://www.thebalancecareers.com/types-of-job-and-employment-related-interviews-2061343>
- Day in the Life of Doctor Shadowing ICU Nurse (11:31)- <https://www.youtube.com/watch?v=-q5QJW8q7qc>
- Depression and the Fire Fighter Who Fought It (4:43)- <https://www.youtube.com/watch?v=8cuznh2RiR4>

### Anatomy & Physiology:

- Bozeman Science series- [https://www.youtube.com/watch?v=y2N\\_b0qwxY&list=PLCC2DB523BA8BCB53](https://www.youtube.com/watch?v=y2N_b0qwxY&list=PLCC2DB523BA8BCB53)
- Crash Course series- [https://www.youtube.com/playlist?list=PL8dPuuaLjXtOAKed\\_MxxWBNaPno5h3Zs8](https://www.youtube.com/playlist?list=PL8dPuuaLjXtOAKed_MxxWBNaPno5h3Zs8)
- Quizzes- <https://www.free-anatomy-quiz.com/> , <http://msjensen.cbs.umn.edu/webanatomy/self/> , <https://www.purposegames.com/> (type anatomy in website search bar)

- Virtual Autopsy- <https://www.le.ac.uk/pa/teach/va/titlpag1.html> (forensic science)
- <https://learning.blogs.nytimes.com/2009/12/02/what-were-they-thinking-exploring-teen-brain-development/>
- Mysterious workings of the adolescent brain (2012)  
[https://www.ted.com/talks/sarah\\_jayne\\_blakemore\\_the\\_mysterious\\_workings\\_of\\_the\\_a\\_dolescent\\_brain](https://www.ted.com/talks/sarah_jayne_blakemore_the_mysterious_workings_of_the_a_dolescent_brain) (14:00)
- Growing Up: the teenage brain- <https://www.youtube.com/watch?v=EnJ-2eWF55w&feature=channel> (2:42) too short but good hypothesis
- Teen brain HD- <https://www.youtube.com/watch?v=EGdlpaWi3rc> (3:37)- fun techy video
- Teenage brain explained- <https://www.youtube.com/watch?v=hiduiTq1ei8>
- Communication & the teenage brain- <https://www.youtube.com/watch?v=BbruY110QI8> (12:12)
- Brain Games: Teenage Brain & Risk- <https://www.youtube.com/watch?v=yaAuZbZSCu4>
- Why the teenage brain has an evolutionary advantage- <https://www.youtube.com/watch?v=P629TojpvDU>
- The benefits of a bilingual brain- <https://www.youtube.com/watch?v=MMmOLN5zBLY>

### Sports Medicine:

- Concussion Training for Health Professionals- <https://www.cdc.gov/headsup/providers/training/index.html>
- Bozeman Science: Thermoregulation (4:50)- <https://www.youtube.com/watch?v=TSUCdLkI474&index=7&list=PLCC2DB523BA8BCB53>
- Crash Course: A&P #20 Joints (9:22)- <https://www.youtube.com/watch?v=DLxYDoN634c>
- eOrthopod.com series: ankle anatomy (6:40)- [https://www.youtube.com/watch?v=4hCS1O2LP\\_c&list=PLqvXaeO2WPysMmvpFIKc71jBwfiFqt09j](https://www.youtube.com/watch?v=4hCS1O2LP_c&list=PLqvXaeO2WPysMmvpFIKc71jBwfiFqt09j)
- How to Spot a Fad Diet (4:33)- <https://www.youtube.com/watch?v=8V15Z-yyiVg>
- Living with a black dog(5:56)- <https://www.youtube.com/watch?v=2VRRx7Mtep8>

### Mental Health & Inspiration:

- The Real Me: The Stigma Surrounding Depression (6:54)- <https://www.youtube.com/watch?v=uk-8T7p2WMQ>
- Dr. Jerome Adams, Surgeon General, HOSA ILC speech 2018 (20:29, start at 7:35-19:54=12:19min)- “Advocate, persevere, and stay grounded”:  
<https://www.youtube.com/watch?v=QnIRGj4O47M>.
- Dr. Rick Rigsby, HOSA Keynote 2018 (24:51)  
[https://www.youtube.com/watch?v=PQv\\_jVXhMrw](https://www.youtube.com/watch?v=PQv_jVXhMrw) (make an impact!)
- Brene Brown- Ted Talk: [The Power of Vulnerability & Emotions](https://www.youtube.com/watch?v=tAUf7aajBWE) (17:00) powerful!
- Yoga at Your Desk (6:23)- <https://www.youtube.com/watch?v=tAUf7aajBWE>
- For the Heroes: A Pep Talk from Kid President (4:15):  
<https://www.youtube.com/watch?v=tgF1Enrgo2g>
- If You Want to Know What it Takes (11:32)

- <https://www.youtube.com/watch?v=01ZCnCXpG4A> (great lesson on strong leadership skills)
- The Proof that Anyone Can Make It (4:20)  
<https://www.youtube.com/watch?v=mau1ZNaQxYY> (good for goal setting)
- Yes Motivation-Ashton Kutcher(Build a Life, 3:07)-  
<https://www.youtube.com/watch?v=bIGxtyoyJRE>
- Wake Up, Show Up, & Work Hard (12:18)-  
<https://www.youtube.com/watch?v=xm1OvMkCNiY>
- Growing up Stressed or Growing up Mindful? (20:12)  
[https://www.youtube.com/watch?v=znlsoaM\\_ALQ](https://www.youtube.com/watch?v=znlsoaM_ALQ)
- The benefits of a Good Night's Sleep (5:44)-  
<https://www.youtube.com/watch?v=gedoSfZvBgE>
- The Science of Productivity (3:15)- <https://www.youtube.com/watch?v=lHfjvYzr-3g>  
great for 1<sup>st</sup> week of school!
- 7 Tips To Beat Exam Anxiety (4:36)-  
<https://www.youtube.com/watch?v=FyBdA61GmJ0&t=212s>
- How to Study Effectively with Flash Cards (8:43)-  
<https://www.youtube.com/watch?v=mzCEJVtED0U>
- How to Manage Your Time Better (4:09)-  
<https://www.youtube.com/watch?v=VUk6LXRZMMk&index=5&list=PLqldimk4xUglrulweUqdm3JWlQMDaJKTE>
- What Would Happen if You Didn't Sleep? (4:34)-  
<https://www.youtube.com/watch?v=dqONk48I5vY>
- Fun parody videos from Medical School
  - Dear Future Doctor (Stanford, 3:23)-  
[https://www.youtube.com/watch?v=Reo\\_pn11A64&index=3&list=RDE4hfUnxOSY8](https://www.youtube.com/watch?v=Reo_pn11A64&index=3&list=RDE4hfUnxOSY8)
  - Can't Feel My Face (Johns Hopkins, 3:54)-  
<https://www.youtube.com/watch?v=oqhh1U9JcAE&list=RDE4hfUnxOSY8&index=32>
  - I Knew It Was Trauma (4:16)- <https://www.youtube.com/watch?v=DxpjHUD7YjY>
  - Rude Parody (Pritzker, Univ Of Chicago, 4:20)-  
[https://www.youtube.com/watch?v=aotj\\_nrVpxc&list=RDE4hfUnxOSY8&index=21](https://www.youtube.com/watch?v=aotj_nrVpxc&list=RDE4hfUnxOSY8&index=21)

**Miscellaneous: (would be appropriate for many courses)**

- Empathy: The Human Connection to Patient Care (Cleveland Clinic, 4:23)-  
[https://www.youtube.com/watch?v=cDDWvj\\_q-o8](https://www.youtube.com/watch?v=cDDWvj_q-o8)
- BLS Practice Test with answers and rationale (Save a Life by NHCPS)  
<https://nhcps.com/bls-practice-quiz/>
- First Aid Exercise (halfbakedsoftware.com) Students are given four minutes to respond. If they respond incorrectly it tells them the negative outcome.  
[http://www.halfbakedsoftware.com/quandary/version\\_2/examples/firstaid.htm](http://www.halfbakedsoftware.com/quandary/version_2/examples/firstaid.htm)
- FastStats (Center for Disease Control and Prevention) stats on leading causes of death, life expectancy, etc. You name it and students can probably find it at the site.  
<https://www.cdc.gov/nchs/fastats/default.htm>

- Skill Practice (practicalclinicalskills.com) EKG, heart sounds, lung sound, blood pressure  
<https://www.practicalclinicalskills.com/>
- Vax: Epidemic Prevention Game (salathegroup.com) students try to prevent an epidemic from spreading  
<http://vax.herokuapp.com/>
- Guide to the Human Body (Orbera) covers the body systems and more  
<https://www.orbera.com/article?id=kids-guide-to-human-body-systems>
- Lead Placement (Heart Education Awareness Resources and Training Through E-Learning)  
Shows skin prep, lead placement, setting up cardiac monitor)  
<https://www.heartelearning.org/labyrinths?id=47895&>
- CERT Training playlist (FEMA)  
<https://www.youtube.com/playlist?list=PLRoQR7IkSnjVQ8IUG24IRrXIRk9aJPGv->

### **Additions – 8.20.2020**

- Jack Andraka TED Talk- won 2012 International Science & Engineering Fair as a sophomore in high school for a method to possibly screen for pancreatic and other cancers  
[https://www.ted.com/talks/jack\\_andraka\\_a\\_promising\\_test\\_for\\_pancreatic\\_cancer\\_from\\_a\\_teenager?language=en](https://www.ted.com/talks/jack_andraka_a_promising_test_for_pancreatic_cancer_from_a_teenager?language=en)
- Dr. Abraham Verghese (Author of In My Own Country) TED Talk - discusses the “e-patient” and how physicians are losing their touch with patients  
[https://www.ted.com/talks/abraham\\_verghese\\_a\\_doctor\\_s\\_touch?language=en](https://www.ted.com/talks/abraham_verghese_a_doctor_s_touch?language=en)
- Soft Skills to Pay the Bills activities  
<https://www.dol.gov/agencies/odep/topics/youth/transition/soft-skills/videos>
- Soft Skills to Pay the Bills videos  
<https://www.dol.gov/agencies/odep/topics/youth/transition/soft-skills/videos>
- Using Disney movie UP to teach Maslow’s Hierarchy of needs  
<https://www.youtube.com/watch?v=lucf76E-R2s>
- CTE Online  
[https://www.cteonline.org/search/?f%5B\\_types%5D%5B%5D=curriculum&industries%5B%5D=17758](https://www.cteonline.org/search/?f%5B_types%5D%5B%5D=curriculum&industries%5B%5D=17758)
- Hyperdocs  
<https://hyperdocs.co/about>
- guidance to switch to online learning  
<https://www.nextvista.org/advice/webinars/guidance.phtml>
- Tutorial on Evaluating Health Information online – great activity for students  
<https://medlineplus.gov/webeval/webeval.html>

If you are a HOSA Advisor and would like to contribute to this ongoing list, we'd love to add your resources and give you credit for such! Please email Jan Mould [Jan.Mould@hosa.org](mailto:Jan.Mould@hosa.org)