

December 2022 Ed&Tech Roundup

STEMy Stuff

Jaime Donally has her traditional [STEAMverse during December for ARVRinEdu](#)

National Geographic (@NatGeo) Bumblebees have surprisingly expansive cognitive abilities—including the capacity for enjoyment <https://t.co/t0ewpF8byJ>
(<https://twitter.com/NatGeo/status/1601109895121616896?t=WnWk8CeGnQEn5l6peqxpnrw&s=03>)

Cora Yang (@CoraEdTech) If you're planning for #HourOfCode, this is the ready-to-go resource! Daily challenges that are aligned with #SDGs. All challenges are free, support continuous learning, and easy to share. Everyone is welcome to join! Code for fun, code for good! <https://t.co/sbfnKIG5B4> #edtech <https://t.co/AJqC0x2ii6>
(<https://twitter.com/CoraEdTech/status/1597757778860605440?t=9o8DljJrKGE26irtQgl6lg&s=03>)

TCEA (@TCEA) tweeted #Lego Maker Cards anyone?
<https://t.co/PrOZCi5Ak6> @preimers
#stem #learning #makerspace #teachertwitter <https://t.co/os7YXtbhuz>
(<https://twitter.com/TCEA/status/1597725863335837699?t=8qeDCJHCBsBHWdXVPLZ5wQ&s=03>)

Ditch That Textbook (@DitchThatTxbk) Game design in the classroom: 8 steps to get started by Jon Spike A step-by-step guide to successful game creation, Tons of sample games, Game creation tools, A game design workbook for you and your students
<https://t.co/VaFAOdRaeX> #Ditchbook <https://t.co/GiA2hpMSjN>
(https://twitter.com/DitchThatTxbk/status/1598481652572880897?t=s-BoaOz_sO_8diCID7bSA&s=03)

Alex Isaacs (@mr_isaacs_math) December is here 🎄 & I'm 🥳 to share my new ❄️ theme + #templates w/you! Click the [🔗](#) [↓](#) to make a copy & remix these for the #holidayseason. Can't wait to show these to my Ss @rbmsROCKETS! #RBBisBIA #Google #edtech #teachertwitter #WinterWonderland <https://t.co/d9KuW97cw2> <https://t.co/7l38u3UtRU>
(https://twitter.com/mr_isaacs_math/status/1598154618777001984?t=sYnLfaKmH3kjGewZheY-Fw&s=03)

Shannon McClintock Miller (@shannonmmiller) I put together a choice board for our kids to research, read and listen for #HourofCode & @CSEdWeek using @CapstonePub Connect. It includes #PebbleGo and Capstone Interactive eBooks. You can find the template here, friends. <https://t.co/N0JvQL4zp8> #tlchat #futurereadylibs <https://t.co/aFm35Swo0J>
(<https://twitter.com/shannonmmiller/status/1599443710168612866?t=SbNVov1APnmYkVsKaBBy4g&s=03>)

Stephanie Sumarna (@StephSumarna) Love these CS concepts in terms of pizza --
<https://t.co/gxci1EVFDA>
(<https://twitter.com/StephSumarna/status/1599117410967388160?t=F1gkBMi7wRaGH0-CzG0b5g&s=03>)

Carly And Adam (@carlyandadam) You don't need fancy technology to start teaching your students how to code! #HourOfCode #hourofcode2022 <https://t.co/skZBok128o>
<https://t.co/2maX3Xmlee>
(https://twitter.com/carlyandadam/status/1601047796844728320?t=PgK-cbYRxZFDD9xK_iaTWw&s=03)

TCEA (@TCEA) Are you sure you're doing it right? <https://t.co/nptFXv1dHA> via #Science Lessons That Rock #scichat #pbl #teaching <https://t.co/bYdtkrMKXk>
(<https://twitter.com/TCEA/status/1602188265578168321?s=03>)

Mike Hudema (@MikeHudema) These water turbines can create renewable energy 24 days a year, 7 days a week. Designed not to block the natural flow of the river means its environmental impact is minimal. We have so many solutions. Implement them. #ActOnClimate #Climate #energy #GreenNewDeal <https://t.co/l2RIVNkZaY>
(<https://twitter.com/MikeHudema/status/1609646174662696960?t=LYSi21ZQxSRi90RRHnAbFg&s=03>)


SpacesEDU (@spaces_edu) STEAM Engineering Lesson: Roller Coaster Energy <https://t.co/gVfYWPZIDB> In this STEAM lesson plan, students will understand potential and kinetic energy through this hands-on experiment involving roller coaster design and building. #STEM #STEAM #Engineering <https://t.co/HaGr4xNcyf>
(https://twitter.com/spaces_edu/status/1603940567204986880?t=vXwlrH8mkzfTeS6nwLQQFA&s=03)

ELA

TCEA (@TCEA) Tips + 68 Free QR Read Alouds <https://t.co/e2yl296QAS> @emilyforedu #literacy #reading #elar #teachertwitter <https://t.co/ka5tzO5aWl>
(<https://twitter.com/TCEA/status/1600542409234038790?t=lrgTITfjpEdl2bPwvYUPAQ&s=03>)

Andrea Trudeau, No-"Shh" Librarian (@Andrea_Trudeau) We are less than 2 weeks away from winter break, so today I devised our library's winter reading challenge. Librarians, feel free to use this template to create your own! <https://t.co/YJmURrGGrc> #tlchat #read #edchat #109way #shepardway #librarytwitter <https://t.co/ngHm0YuPkk>
(https://twitter.com/Andrea_Trudeau/status/1601016858031050752?t=Yg4iusoM_3WzR3BJWYviiQ&s=03)

TCEA (@TCEA) "I don't know what to read next!" @cuethelibrarian has a solution for that...ROLL THE DIE! <https://t.co/9w4EiDnncl> #reading #librarytwitter #tlchat <https://t.co/3NzIgiRnIY>
(<https://twitter.com/TCEA/status/1601015274341384192?t=sW6VRG8o7PMFizHjilOrBQ&s=03>)

Becky Young (@TechyBeckyYoung) I just found out today that @googledocs can create citations within your #GoogleDoc Tools  Citations Works way better than that other citation generator and it's super easy to add in text citations! @GoogleForEdu #Productivity #WorkSmarterNotHarder <https://t.co/GuTMLM3f8S>
(<https://twitter.com/TechyBeckyYoung/status/1544409134447075330?t=czfxHxiWG9pmeFxbaSMwMA&s=03>)

Shelly Sanchez 💡 (@ShellTerrell) Introducing Vocabulary Mapping In Your Classroom
<https://t.co/SeGfnfx8OE> <https://t.co/ueqcUS7IVS>
(<https://twitter.com/ShellTerrell/status/1593578523393826816?t=u7JfR2xVQftHV1s9dT8a-Q&s=03>)

dailySTEM (Chris Woods) (@dailystem) Fun free calendar to download for your classroom!
(thank you @HowLifeUnfolds
(<https://twitter.com/dailystem/status/1607368815741997056?t=krRApD5A-YihUYNsGDbsMA&s=03>)

SEL, PE, Arts

digcitkids (@digcitkids) tweeted at 3:14 AM on Thu, Dec 15, 2022: Who's in?
#BethatKINDofkid #DigCitImpact <https://t.co/K6AOaArmW3>
(https://twitter.com/digcitkids/status/1603121300914020354?t=XXf6Uo_Fovy36rddM6xSCQ&s=03)

TCEA (@TCEA) tweeted Have you ever paired project-based #learning and the arts? These 5 #PBL lesson ideas can be used in any classroom. Best yet they're easy to plan!
<https://t.co/zMxoxaLGOI> via @artsintegration
#edutwitter #teaching <https://t.co/8at6bgSQC1>
(<https://twitter.com/TCEA/status/1601269954699055108?t=rC2neYbhsvhsgnYP3k0lqA&s=03>)

Wesley Fryer, Ph.D. (he/him) (@wrfryer) I added several new things to my @wakelet collection "Outdoor Adventures" <https://t.co/FO19zv49LE> #GoOutside #hiking #camping #photography #nature
(https://twitter.com/wrfryer/status/1597790638208339968?t=-BOJTgNs_Yk6unniS6irZQ&s=03)

Social Studies

Liz Ramos (@historytechie) Did you know @CSPANClassroom is not just for civics/ government classes? They have lessons and resources for US History and World too. Check out their Dictatorship & Totalitarian Govts lesson. #sschat #NCSS2022
<https://t.co/yaoJ8DwP8I> <https://t.co/YoQ9ek5LmO>
(https://twitter.com/historytechie/status/1598377564392853524?t=0euh7_13qCy4t6LiO1nnUw&s=03)

The Gilder Lehrman Institute of American History (@Gilder_Lehrman) Join us for Summer 2023 PD! In-person and online options include
–The Teacher Symposium at Gettysburg College
–In-person & online Teacher Seminars
–NEH Summer Institute for K-8 teachers
Visit <https://t.co/yvZ3ucAtlC> to learn more.
#sschat #GLI2023 #SummerPD <https://t.co/44SabW3vKI>
(https://twitter.com/Gilder_Lehrman/status/1602045745904975872?t=54NILdLxyTlcXdMXqi4E)

[4A&s=03](#))

Wesley Hedgepeth (@wehedge) 📢 ATTN: The Call for Proposals is officially OPEN for "Social Studies: Working in Harmony for a Better Tomorrow," @NCSSNetwork's 2023 conference in #Nashville #NCSS2023 #NCSS23 #sschat 📢 <https://t.co/fHg9eViguf> (https://twitter.com/wehedge/status/1603754183781486595?t=E-FPwNSFVdNZ_Nwd6n5y3g&s=03)

The Gilder Lehrman Institute of American History (@Gilder_Lehrman)
We're now accepting applications for a 2-week NEH Summer Institute!
K-8 Teachers: Join us for The Making of America: Colonial Era to Reconstruction from July 9-22 at The George Washington University. Apply by March 3.
Learn more: <https://t.co/dynarwvIE3>
#SummerPD2023 #sschat <https://t.co/VFupDPd0mH>
(https://twitter.com/Gilder_Lehrman/status/1608146291468521476?t=J6gMNAsm6y9Rw9N1s_zfthw&s=03)

Tech Tools

Holly Clark - Infused Classroom Make fun TikTok like videos with students safely using @MicrosoftFlip Great way to show learning
Free template to help students do this successfully
Ss video example below
#microsoftedu #blendedlearning <https://t.co/kp366P0Ur1>
(https://twitter.com/HollyClarkEdu/status/1565734224153366528?t=xlrRbhB4UfTN9vRUc_-8gQ&s=03)

Flip (@MicrosoftFlip) Our improved Flip web experience is live, and it's full of updates you've been asking for! <https://t.co/IHXPG2nmVb> <https://t.co/ypeSYdswJS>
(https://twitter.com/MicrosoftFlip/status/1600316061441613824?t=CcJfv0P4jdFpFgES_cIFCQ&s=03)





Discovery Education (@DiscoveryEd) tweeted at 0:03 AM on Mon, Dec 12, 2022:
On the eleventh day of Virtual Field Trips, DE gives to you....11 tools for building #DIY projects! <https://t.co/4RyNL9fZvP> #12DaysofVFTs <https://t.co/uqeSLxEL6C>
(https://twitter.com/DiscoveryEd/status/1601985939475152896?t=xJV4WBT3KFRwe_2pOyR15A&s=03)

Ditch That Textbook (@DitchThatTxbk) Student collaboration in shared Google Slides
This updated post includes:
📺 How-to video tutorial
💻 10 collaborative Google Slides activities
💡 Helpful tips from the #Ditchbook community
<https://t.co/IKGnnDWwyQ> <https://t.co/ot3R8Vvkz43>
(<https://twitter.com/DitchThatTxbk/status/1603676546065211394?t=x52jVvk3QMqBoV7F2rvvcA&s=03>)

Lois Alston (@l_alston) I'm 🎉 to share my last edition of Tech Takeaways for 2022! @nearpod is the #edtech tool of the month & I've included updates on platforms like @wakelet, @gimkit & @justmoteHQ for <https://t.co/sY3wUoR3QS> <https://t.co/OoEs7Waexy> (https://twitter.com/l_alston/status/1604874736063942656?t=zRntSqEw3592dbJS2_3zWQ&s=03)

Eric Curts (@ericcurts) Create a Custom Soundboard with Google Slides <https://t.co/u29rXBmqIG>

Great for:

-  Games & quizzes
-  Class transitions
-  Story read alouds
-  Live podcasts & videos

#GoogleEDU

#ControlAltAchieve <https://t.co/IOT4tTma5L>

(<https://twitter.com/ericcurts/status/1605566852175912963?t=IGgemVVFHS7Q1viR-7xsmg&s=03>)

Other

TCEA (@TCEA) tweeted Need assessment ideas? @miamacmeekin has them! <https://t.co/vPxSwA69Uw> #educoach #teachertwitter #k12 <https://t.co/h2z2D3BHKQ> (<https://twitter.com/TCEA/status/1601805734387277824?t=UvwEQ8cFFdsBZPrJe6L4mg&s=03>)

Defined (@DefinedLearning) Students Leading Professional Development—A Powerful Shift in Learning #education #edchat @nbartley6 <https://t.co/7WaDWRobqD> (https://twitter.com/DefinedLearning/status/1600519699959365634?t=zMTNOAo88ekLVIEL_A BssQ&s=03)

Stephanie Howell (@mrshowell24) Excited to start our feedback training tomorrow. watch a peer video, point out a glow with specific evidence, one way to improve Thanks @gret for your template <https://t.co/wKPfcBKYHW> (https://twitter.com/mrshowell24/status/1597762255617429504?t=jD-Gj_KJQ0jINUvPMUiAgw&s=03)

Digital Citizenship Institute (@digcitinstitute) Fantastic planning call with @LeMoyne today as we continue to plan our upcoming #GlobalStudentShowcase @digcitsummit on April 1, 2023 around #UseTech4Good #SocialJustice #CivicReadiness #MakingTheWorldMoreJust #DEIB #globaled #DigCitSDGs <https://t.co/nn4hmv1cmZ> #DigCitSummit <https://t.co/3qwFoz2X1M> (<https://twitter.com/digcitinstitute/status/1597692981070663680?t=MBDBRDj02MuHwCIntbht Sg&s=03>)

Irina McGrath, Ph.D. (@irina_mcgrath) If you are looking for tech 🖥️ tools 🛠️ to support #ELs #MLLs we have a few suggestions. Please go to the #ELL2pointo site to make a copy of the infographic & click on the titles to learn more about each one <https://t.co/4r5XXm3qMt>
<https://t.co/wZ9OomDaU3>
(https://twitter.com/irina_mcgrath/status/1597698538628341760?t=MAQfGY9YOTdXjehpg3-zxA&s=03)

Scholastic article: [Leading in a time of challenge](#)

Patrick Hausammann (@PHausEDU) Reflections on 50 years of Game Based Learning (Part 2) <https://t.co/EzDZo1dyyt> #edtech via @EdSurge
(https://twitter.com/PHausEDU/status/1598289569690288129?t=v_UCsApVkHhofxvZe1IHCQ&s=03)

TCEA (@TCEA) Are you keeping your students engaged? <https://t.co/RS0kqCV4CJ> via @BrookesPubCo #teaching #learning #edchat <https://t.co/gQcW5BtkDd>
(<https://twitter.com/TCEA/status/1597939138442952711?t=vUxwQL2onCXoaVsiD0Lipw&s=03>)

TCEA (@TCEA) What do you include in your stations Brain Blast via @finleyt
<https://t.co/HcYbWPQ9jx>
(<https://twitter.com/TCEA/status/1597398950952271872?t=4sQBsU-VhGqNLAh1hBhL0A&s=03>)

Patrick Hausammann (@PHausEDU) Check out this article: Interactive Digital Notebooks: Examples, Tips, and Templates! - <https://t.co/KIROOMQu47> via @TCEA @dlrwilliams
(<https://twitter.com/PHausEDU/status/1600958142606614544?t=xcGN1B4i4eM6rA6gWkSrMg&s=03>)

D. Harold Greene, CCMT (@dharoldgreene) GrantALERT Magazine -Target Corporation, The Cracker Barrel Foundation and The Baxter International Foundation Grants
<https://t.co/Hr5gDmZX97>
(<https://twitter.com/dharoldgreene/status/1602996562669477889?t=J4LnF4XfJ7Pf-8Qi3B3hcQ&s=03>)

TeachThought PD (@TeachThoughtPD) An important question then is how to do project-based learning that is strong and vigorous, well-constructed, that performs under a wide range of conditions. How do we design and deliver robust PBL in our classrooms? An Updated Guide To Robust PBL - <https://t.co/0df0QEjgMp> <https://t.co/AAxboXMmTc>
(<https://twitter.com/TeachThoughtPD/status/1609899562394701824?t=EaksHzxJ4A1vxFOAtARPHw&s=03>)

5 Types of Fatigue we don't talk about

Helper Fatigue

From putting all your energy into other people

Depression Fatigue

Fighting off depression and negative intrusive thoughts



Future Fatigue

From focusing on the future and neglecting the present

Compassion Fatigue

From absorbing the emotions of the people around you

Anxiety Fatigue

From feeling constantly on edge and not able to feel safe or relax

@JUSTGIRLPROJECT