

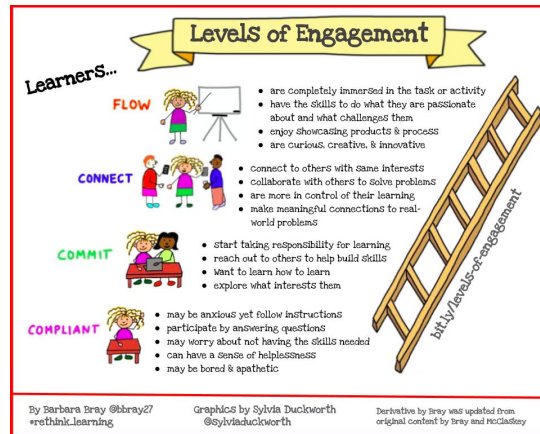
## November Ed&Tech 2022

This has been my mantra during my talks about STEM/STEAM lately

Barbara Bray (she/her) Story Weaver (@bbray27)

When students have a say in designing a project, researching an idea, and connecting with a mentor, they OWN the project. They want to learn. They are motivated to find out more and are in the "FLOW." <https://t.co/nViSMaSmXC> <https://t.co/57ZFcj1wvI>

([https://twitter.com/bbray27/status/1591453887625834496?t=VHsMu5W0\\_simyPhI\\_iKLEQ&s=03](https://twitter.com/bbray27/status/1591453887625834496?t=VHsMu5W0_simyPhI_iKLEQ&s=03))



### STEMy Stuff

Ms. Sims (@MyleciaSims) Great session showcasing STEM Stations! Students will surely be engaged with hands-on interdisciplinary stations that integrate tech. Can't wait to modify and facilitate this lesson! 🌱 <https://t.co/OFhzIG4vJz>  
([https://twitter.com/MyleciaSims/status/1587830025100722176?t=\\_9xzFPJDW2AMX5KwkX4wJg&s=03](https://twitter.com/MyleciaSims/status/1587830025100722176?t=_9xzFPJDW2AMX5KwkX4wJg&s=03))

**D R . D R I Z Z L E** ExpeditionsInEducation (@dacia92) For professional adventures next summer that will allow you 2 refresh, renew, & recapture your love for teaching?  
Do you love National Parks? Want 2 connect with educators who are changing the world?  
Find your "firefly" friendships at #STEAMinthePARK  
<https://t.co/3Fze0GKcd6> <https://t.co/CCd32ejqKZ>  
([https://twitter.com/dacia92/status/1587830903325310976?t=TM5oFyigIhyTp\\_0UkH0wQ&s=03](https://twitter.com/dacia92/status/1587830903325310976?t=TM5oFyigIhyTp_0UkH0wQ&s=03))

Fascinating (@fasc1nate) The size of different Tsunamis put into context.




<https://t.co/vjfQilab59>  
(<https://twitter.com/fasc1nate/status/1587810157844627459?t=8oqhLag4fcGDsuT5bKMy9g&s=03>)

Types of arctic whale calls <https://antarcticsun.usap.gov/science/4732/?sf172244066=1>

Dr Dan Jones (@Hookean1) Posters for science careers I happened upon. Please retweet if useful <https://t.co/WaUejL7jOc>  
([https://twitter.com/Hookean1/status/1577172727152377857?t=fY\\_G58AZCShqclmuZvLxdA&s=03](https://twitter.com/Hookean1/status/1577172727152377857?t=fY_G58AZCShqclmuZvLxdA&s=03))

Kristi (@CherishToday08) This guy would be super helpful for our upcoming unit on The Human Body...#teachertwitter #clearthelist  
Why did the skeleton cross the road? To get to the body shop!  
<https://t.co/9wtxlePTbf> <https://t.co/xd8TwWxke0>  
(<https://twitter.com/CherishToday08/status/1578572540343091200?t=X-OjsPNiVVixn8PWdsSETA&s=03>)

Michelle Lloyd (@Shell\_Lloyd70) Creativity aplenty today in Science as we used the #greenscreen reveal to help us explain the Earth's layers. These activities provide students with a different way to explain their learning <https://t.co/MZVhzQByoY>  
([https://twitter.com/Shell\\_Lloyd70/status/1589931720379629568?t=CLhPIWIOYHrxcsgllzZc5w&s=03](https://twitter.com/Shell_Lloyd70/status/1589931720379629568?t=CLhPIWIOYHrxcsgllzZc5w&s=03))

Tim Evans    (@edTechEvans)  
With @HourOfCode 2022 fast approaching - I've collated some activities for Elementary students to explore. Each slide is "grade-specific" & interactive, with the idea students explore one a day. Feel free to copy, edit, and share.  
#HourOfCode #Coding <https://t.co/RSQnvVW1PP> <https://t.co/FRUzV6069R>  
([https://twitter.com/edTechEvans/status/1589864862221733893?t=UxVID\\_ATN6yJ6dL4Q7UqkA&s=03](https://twitter.com/edTechEvans/status/1589864862221733893?t=UxVID_ATN6yJ6dL4Q7UqkA&s=03))

**dailySTEM (Chris Woods)** @dailystem A7: Videos are great for introducing kids to #STEM careers...  
Whenever I find a good video, I add it to a YouTube playlist to have them ready when we've got 5 extra minutes in class <https://youtube.com/playlist?list=PLR9erzfcvZ2BAs4nF57iPlqb3GnVrDxLk...>

**Erik Murray** @MrSTEMurray So, among other things today is STEM day. Here's a folder that contains all the activities, games and other things I've made over the years. STEM is for everyone!  
[https://drive.google.com/drive/folders/1ja6bvCP2tPDEM\\_G46GO-1-eNw7OVb-Q3?usp=share\\_link](https://drive.google.com/drive/folders/1ja6bvCP2tPDEM_G46GO-1-eNw7OVb-Q3?usp=share_link)

**NASA Astronauts** @NASA\_Astronauts On the @Space\_Station, STEM research is happening all the time. @NASASTEM STEMonstrations help us to understand how aspects of life in microgravity can be extremely unique - and fun! Check out the full playlist to learn more this #STEMDay:  
<http://go.nasa.gov/31FeFr9>

Erik Murray (@MrSTEMurray) So, among other things today is STEM day. Here's a folder that contains all the activities, games and other things I've made over the years. STEM is for everyone! <https://t.co/D02imJMJD5> <https://t.co/5dx810Eknw>  
(<https://twitter.com/MrSTEMurray/status/1590010210126794752?t=WnUbk-UYVGvnWM-9g0iGOQ&s=03>)

John M Powell (@JohnMPowell1) At night he changes into his secret identity as the super hero "Static Man".

(<https://twitter.com/JohnMPowell1/status/1588199701571981316?t=Ahc21TYm2YbyvZdTQB-y9w&s=03>)

Tamille Wilson (@STEMandTech) My students made blueprints of spooky houses using perimeter and area math and made them on Minecraft. Students and staff watched their virtual tours on Flip and they voted on the best house on Microsoft forms! They were Spooktacular! @MicrosoftFlip @PlayCraftLearn @CobblnTech

<https://t.co/B3AqpiLgEE>  
(<https://twitter.com/STEMandTech/status/1588112208428515328?t=kgTZzByMEN4vRQdkeguKg&s=03>)

Everglades National Park (@EvergladesNPS) During the mid-twentieth century, Hollywood directors became enamored with the Florida Everglades. In a short period of time, dozens of action and horror films were set in the Glades!

(<https://twitter.com/EvergladesNPS/status/1588201614912892928?t=Kw8qP1EnL8aXi1ehQQ0mWg&s=03>)

How Things Are Manufactured (@fastworkers6) tweeted at 0:45 PM on Tue, Nov 15, 2022:

Thanks to Harvard University, you can now virtually enter the Great Pyramid of Giza in 3D and 360° <https://t.co/vb6ulXbqpz>

(<https://twitter.com/fastworkers6/status/1592393302032396288?t=2bPKZaWT5U15EQ2LyLrlcw&s=03>)

TCEA (@TCEA) tweeted at 10:08 PM on Fri, Nov 11, 2022:

Check out these CHOICE BOARDS to help create active learning in #math.

<https://t.co/PrqNRd8cyj> #mathchat #teachertwitter <https://t.co/TtEEX1F1Sx>

(<https://twitter.com/TCEA/status/1591085344052715523?t=GYnR-rt8OEEgV9GtvMarEA&s=03>)

Principal Project (@PrincipalProj) Leaders, consider sharing this with math teachers and coaches who want to support student dialogue! (Via instructional leader @MrsBrooksPUSD)

#MTBoS #ITeachMath <https://t.co/NgEHORvrXr>

([https://twitter.com/PrincipalProj/status/1595096030244397056?t=NqnhBxBZ5\\_KoH1IVZBFmdQ&s=03](https://twitter.com/PrincipalProj/status/1595096030244397056?t=NqnhBxBZ5_KoH1IVZBFmdQ&s=03))

Tonya Gilchrist (@Mrs\_Gilchrist) What do you mean: adaptive math? I ❤️ ed exploring this w/ teams in G3-G5 at @WISRedDevils! How can we intentionally design learning experiences that travel across a 1-to-2-week bend/cycle in ways that ensure diversity, meaning-making, & thoughtful equilibrium? #just4you #PYPchat <https://t.co/BhYXJwsj1t>

([https://twitter.com/Mrs\\_Gilchrist/status/1594383766776344576?t=TcwipuLsBlu5ibD0qMdvFQ&s=03](https://twitter.com/Mrs_Gilchrist/status/1594383766776344576?t=TcwipuLsBlu5ibD0qMdvFQ&s=03))

Alyssa Lyons (@MahramusAlyssa) I'm just loving @EVERFIK12's 'Day in the Life' videos! Pairing these with corresponding digital lessons is the ideal way to give students a look into

the real world.

Find the videos & discussion guides <https://t.co/wM13s18TPK> <https://t.co/sgm91cKhir>  
([https://twitter.com/MahramusAlyssa/status/1589719053698232322?t=6HytPBCt\\_dPnx\\_DjVuB9jQ&s=03](https://twitter.com/MahramusAlyssa/status/1589719053698232322?t=6HytPBCt_dPnx_DjVuB9jQ&s=03))

hannah! (she/her) (@misshannah) Looking through things for my e-portfolio as we approach Block 5 and found this prompt sheet I made for a potential lesson during summer courses. So many ways to link this to lots of curricular areas - hoping to be able to make use of it in #EDUC491! <https://t.co/xm6vQ0m6jm>  
(<https://twitter.com/misshannah/status/1563730435360047104?t=SK11Q8vRz83jdOPuRw6r9Q&s=03>)

## ELA

Patricia Newman empowering children to act (@PatriciaNewman) Help kids + teens participate in the #nonfictionnovember reading initiative + save the planet at the same time <https://t.co/tKhzb1lvPr>

#MGBookChat #NativeAmericanHeritageMonth #teachertwitter #raisingreaders #kidsbooks #literacy #KidsLoveNonfiction #STEMeducation #edchat <https://t.co/TSdDytzJ9d>  
([https://twitter.com/PatriciaNewman/status/1589996170180444161?t=i0T3iaD-Hde\\_O-oF7IQoKg&s=03](https://twitter.com/PatriciaNewman/status/1589996170180444161?t=i0T3iaD-Hde_O-oF7IQoKg&s=03))

Mrs. Crouss (@crousb) We had a text feature hunt today and added them to our anchor chart! <https://t.co/3a9Nm0wzWX>  
(<https://twitter.com/crousb/status/1587935342350716928?t=aDVWxxMIF6rh3BxZ0EK8sA&s=03>)

O<sup>2</sup>CM BOCES SLS (@O2CMBOCESSLS) Great list of books! <https://t.co/f4UQJuGGAw>  
(<https://twitter.com/O2CMBOCESSLS/status/1591774101181726722?t=8UFG9yM66rrC1S7SVmZvgA&s=03>)

Impact (@ImpactWales) Make sure pupils understand exam command words. Go to <https://t.co/rTn49Oa6jf> & click ImpactPlus for more of our resources. <https://t.co/GQXIk5HTop>  
(<https://twitter.com/ImpactWales/status/1596777252188217344?t=hpJakfggUGVMaZdE8I7xRQ&s=03>)

## Social Studies

Nikki Vradenburg, NBCT, Ed.D (@NVradenburg) What do your students know about Alaska Native values and history? Learn along with @MollyOfDenali as Molly talks about the values Alaska Native groups hold as core to their cultures. (Grades: K-2) <https://t.co/Vshn0eGcgB>  
(<https://twitter.com/NVradenburg/status/1596188464176832513?t=emgMoDezuGr8CwZY35Ghmw&s=03>)

Stanford History Education Group (@SHEG\_Stanford) History teachers, let's talk about the

internet.

There is a staggering amount of history online. How can we support students to reason about what they find there? 1/ <https://t.co/i74JWH3ajM>  
([https://twitter.com/SHEG\\_Stanford/status/1590502360094511104?t=yks76JonFuZtcwe4BqwexA&s=03](https://twitter.com/SHEG_Stanford/status/1590502360094511104?t=yks76JonFuZtcwe4BqwexA&s=03))

### Iowa City Public Library @ICPL

We love that graphic novels are increasing in popularity! These great reads have all the same benefits as traditional books, plus a few more like increased visual literacy and using both sides of the brain. The bottom line—graphic novels are real books!

#GraphicNovels #GoodBooks

<https://twitter.com/mrterborg/status/1589811785183662080?s=20&t=TECCt26wreuT-gsllz7-kQ>

[Easygeography.co.uk](http://Easygeography.co.uk) (@easygeography) Amazing video to demonstrate dampeners and their role in earthquake-proofing a building <https://t.co/lbXlpGN2Kc> <https://t.co/WR5rnuyeom>  
(<https://twitter.com/easygeography/status/1588428078916796416?t=h1ZdgSU-InZPEjw8rAz3BA&s=03>)

PBS Teachers (@pbsteachers)

Is social media \*really\* the best way for politicians to reach young voters? Or are their attempts at connecting coming across as awkward and cringey? Ask your students what they think! (Grades: 6-12) <https://t.co/z6KsumAvQl>  
(<https://twitter.com/pbsteachers/status/1588198097716486147?t=YsbCM9mnCcJuVmC96bHXLw&s=03>)

[Easygeography.co.uk](http://Easygeography.co.uk) (@easygeography) Amazing demonstration of the effectiveness of different forms of coastal defenses <https://t.co/lxt28LtwYj> <https://t.co/ICyd3xC6vF>  
(<https://twitter.com/easygeography/status/1590595611388092416?t=-KrOzkAjPs7M381DJxu-Zg&s=03>)

CherylAnne Amendola (@historyherway) Just got the annual e-mail from @Gilder\_Lehrman about summer seminars! Have you SEEN these offerings?! Holy moly!

<https://t.co/1f8V8N9uIA>

([https://twitter.com/historyherway/status/1592622139299237889?t=nqpqcJ-s\\_iOARFkes38x0Q&s=03](https://twitter.com/historyherway/status/1592622139299237889?t=nqpqcJ-s_iOARFkes38x0Q&s=03))

Sarah Wood (@myedtechworld) tweeted **Happy (Ed)Techsgiving Week!** Day 3 continues with bringing literature and picture books to life. These editable resources can be used/modified in many ways to fit your teaching and learning needs!

<https://t.co/qd6Kprxyks> #edtechsgiving #miched #edtech <https://t.co/Hk3YD9UMuZ>

(<https://twitter.com/myedtechworld/status/1592849968296906753?t=XA4d1o498qVRCZm0e7FyMw&s=03>)

Joey Clift - Watch Spirit Rangers on Netflix! (@joeytainment) 87% of U.S. schools don't teach Native American history past 1900, so I put together this helpful list of things about Native people that they really, REALLY should teach in high school.

#NativeTwitter #NAHM #NativeAmericanHeritageMonth <https://t.co/r0HR2HI8b4>

<https://twitter.com/joeytainment/status/1594750724927275010?t=oW3kvph3C7TIRRj1UeMKRg&s=03>)

## SEL, PE, Arts

Eduporium (@Eduporium) While students can still learn SEL skills through hands-on experiences, it's often helpful to think of #STEM as the hands-on portion and #SEL as the minds-on portion and make more of an effort to include both. #STEMeducation #SELchat

<https://t.co/b35AzstQ9D>

<https://twitter.com/Eduporium/status/1588208177652195328?t=EWPzoiTmAfCAbTRKmJky0A&s=03>)

IDEA (@ideailinois) tweeted at 11:04 PM on Thu, Nov 03, 2022:

Intentional feedback is great for our students, so it makes sense that intentional feedback is also important for our teachers. Read @JorgeDoesPBL 's article here! #ideail #idea

<https://twitter.com/ideailinois/status/1588200360082120704?t=1v421cGcBcLZ94wMjCggnw&s=03>)

Brad Weinstein (@WeinsteinEdu) tweeted at 3:35 AM on Mon, Nov 14, 2022:

Great list of calm down strategies for kids (some will work for adults too!).

<https://t.co/dXQKnKoNnf> <https://t.co/vHI0aU4eLh>

[https://twitter.com/WeinsteinEdu/status/1591892568107024385?t=aHrHo3rsFY3FAdJEUtt\\_Ww&s=03](https://twitter.com/WeinsteinEdu/status/1591892568107024385?t=aHrHo3rsFY3FAdJEUtt_Ww&s=03))

TCEA (@TCEA) Why and How to Teach Learning Strategies and Self-Reflection about #Learning AND questions to help them reflect on the process.

<https://t.co/UMLQwSDIzz> via Education Beyond the Standard <https://t.co/s0gopqLo4m>

[https://twitter.com/TCEA/status/1594353126181675008?t=W3GjzKiOrB\\_Z84IMT5dwzg&s=03](https://twitter.com/TCEA/status/1594353126181675008?t=W3GjzKiOrB_Z84IMT5dwzg&s=03))

SpainEdOffice Canada (@SpainEdOfficeCa) tweeted at 5:49 AM on Thu, Nov 24, 2022:

Rápido, ¿podrías decir el nombre de alguna mujer científico, que no sea Marie Curie? Pues no te pierdas la versión descargable del mural con Mujeres Científicas diseñado por

@krispamparo para su centro @iesjaumei en colaboración con sus compañeras. vía

@loretahur <https://t.co/uGAiR6Vrxz>

[https://twitter.com/SpainEdOfficeCa/status/1595550007175925760?t=-bgjxm8scFmwLvFGtILP\\_g&s=03](https://twitter.com/SpainEdOfficeCa/status/1595550007175925760?t=-bgjxm8scFmwLvFGtILP_g&s=03))

## Technology Tools

TCEA (@TCEA) Using @MicrosoftFlip in Higher Education

<https://t.co/y0eKnqkK2e> Via @drtolunoah




#edutwitter #higher #edchat <https://t.co/Ud2Wj3qDv5>

<https://twitter.com/TCEA/status/1596519476249317377?t=oUtt6M6l01m2O9VCtd0IHA&s=03>)

Kristina Holzweiss & @Demco School Library Planner (@lieberrian) Hey #teachers did you know that you can create a #GreenScreen with @canva? In this video you'll also learn how to

record videos directly through #Canva, create cue cards, and remove the background from a video! <https://t.co/C80MCIPNln> via @YouTube #edtech #tlchat #tlap #TOSAchat  
<https://t.co/q9OZUnPAmv>  
(<https://twitter.com/lieberrian/status/1587651993010688001?t=-rI7TFQhmmF5ujiD0XpOQA&s=03>)

Teacher: Martin Burrett (@ICTmagic) tweeted at 2:41 AM on Tue, Nov 15, 2022:  
A fun website where you can upload drawings which you can animate. <https://t.co/tQ16qhlKcc>  
#UKEdChat #EdChat #EdTech <https://t.co/eFHJZLAPE5>  
(<https://twitter.com/ICTmagic/status/1592241204581830669?t=Rc2jpxyDpils1f1KQtVTXw&s=03>)

Monica Burns, Ed.D. #EdTech  #NYSCATE22 (@ClassTechTips)  
From @edutopia & Andrew Fultz    
"This technology boosts engagement in high school, and teachers can use it to build a strong learning community." <https://t.co/nNtVP5oUmi>  
([https://twitter.com/ClassTechTips/status/1591774631937073155?t=F9fWokHS\\_DYGTt\\_0KZm4OQ&s=03](https://twitter.com/ClassTechTips/status/1591774631937073155?t=F9fWokHS_DYGTt_0KZm4OQ&s=03))

Tisha Poncio (@TxTechChick) Tech integration is definitely not a linear process (imo). I know many of you are using the SAMR model in your schools alongside other research-based frameworks. Here's a quick look at just a few ways to use @wakelet for in-person or online learning environments:  
#wakeletwave <https://t.co/NzsRPcyDwy>  
(<https://twitter.com/TxTechChick/status/1431277692947677188?t=zNUkLhgQAhtqQ1qjLUSBw&s=03>)

Doug Holton (@edtechdev) Tutorials for educators who want to try out #Mastodon, an #OpenSource Twitter alternative <https://t.co/CufKe57TgK> by @mguhlin  
Academics on Mastodon <https://t.co/hnziE56iFj>  
#EduTwitter #EdChat #AcademicTwitter #TwitterMigration #RIPTwitter #Fediverse  
([https://twitter.com/edtechdev/status/1593493257140551687?t=HcLVZVP\\_NK7K3eNShcmLEw&s=03](https://twitter.com/edtechdev/status/1593493257140551687?t=HcLVZVP_NK7K3eNShcmLEw&s=03))

learning is #Fuglefun SEL Augmented Reality (@TriciaFuglestad) #kindness Made with #stopmotion and @DoInkTweets <https://t.co/B8xaNqxYxq>  
(<https://twitter.com/TriciaFuglestad/status/1596311570363158528?t=ksHp7xZK-zp6Z2lvX0YuAg&s=03>)

Other

**Christopher Harris (@Principal\_H)**  
10 Reasons Why Every Teacher Needs a PLN  
<https://t.co/LQijLcaMmQ>  
([https://twitter.com/Principal\\_H/status/1587751045253550081?t=\\_WdYc9gNS-zszjDqXSZAZ](https://twitter.com/Principal_H/status/1587751045253550081?t=_WdYc9gNS-zszjDqXSZAZ))

[Q&s=03](#))

@NGSS\_tweeps (@NGSS\_tweeps) Instructional strategy: Graffiti Walls

<https://t.co/wXfBZRdv9o>

([https://twitter.com/NGSS\\_tweeps/status/1586382597676060672?t=XbT3Vufd03KLVewC6DQ0zQ&s=03](https://twitter.com/NGSS_tweeps/status/1586382597676060672?t=XbT3Vufd03KLVewC6DQ0zQ&s=03))

TCEA (@TCEA) Alternatives to Try Instead of Handing Out Packets <https://t.co/DugbB38eXt>

<https://t.co/9fLBytt7D6>

(<https://twitter.com/TCEA/status/1586357495840362498?t=OsaHD4SJYoiPeh2govZpYA&s=03>)

Bronwyn Desjardins (@BronwynWrites) tweeted at 5:10 PM on Tue, Aug 02, 2022:

So many inspirational educators out there! Let's give them credit when they inspire an idea or when we use their resources. Like this great set of tips from @HeyMrSF Let's role model #Integrity with our students #EdTech <https://t.co/V17CRV1MU4>

(<https://twitter.com/BronwynWrites/status/1554394191266037760?t=iyUTuBFxVFBSQ2pAhOgMrw&s=03>)

Patrick Hausammann (@PHausEDU) How to Create Stop Motion Animation Activities for

Students with Google Slides - SULS0179 <https://t.co/NRXfpmGQ02> via @ShakeUpLearning

(<https://twitter.com/PHausEDU/status/1588180473099984898?t=YVTE81A7Ts-HKWDPKO-EOW&s=03>)

Ariana Hernandez (@arianakhern) Importance of #EDUprotocols reps. Start with low cognitive loads, gradually insert content, increase content context & demand of skill. Ss learn progress leads to mastery.

Meeting the goal is much more rewarding for ss when this is apparent.

#learningisaprocess #growthmindset <https://t.co/Q5nABr7JoX>

(<https://twitter.com/arianakhern/status/1591335189724397569?t=6nel0IXIVvolfSBxmpz-hw&s=03>)

[Excellent reflection idea for Teacher PD sessions](#)

Jennifer Williams #ClimateActionEdu (@JenWilliamsEdu) 5 Ways To Use Edtech for Social Good <https://t.co/gpbs1iVi8m>

So excited for this new post with @ISTEofficial! #ISTELive #ISTEChat #TeachBoldly

#ISTEAmbassador #TeachSDGs #ClimateActionEdu @TakeActionEdu

#TransformingEducation

Spotlighting the great work of everyone tagged! 💖 <https://t.co/OicVFdnrM9>


([https://twitter.com/JenWilliamsEdu/status/1590493573715488768?t=PoKJldRIP\\_IC6uMX\\_cdkg&s=03](https://twitter.com/JenWilliamsEdu/status/1590493573715488768?t=PoKJldRIP_IC6uMX_cdkg&s=03))


Ditch That Textbook (@DitchThatTxbk)

Want to get started with station rotation or level up your stations?


L👁️k no further!


Our post includes

 Videos

 Examples



 Ideas

 a FREE collection of station rotation task cards you can use with your class!

<https://t.co/wQ1cZnVTuY> #Ditchbook <https://t.co/hiS5f1RwZB>