

# CISPG LEARNING

Catholic Independent Schools Diocese of Prince George

*"ALL learners thriving in inspired Catholic Learning Communities"*

Hello everyone!

It is so nice to be connecting again after Spring Break and Easter celebrations! Happy Spring and happy Earth Day!

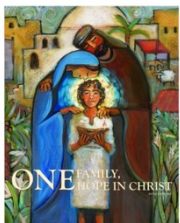
With Spring and Earth Day in mind, included in this issue are several awesome resources related to our stewardship of the land. I hope that they are useful to you ☺

I recently had the pleasure of connecting (virtually) with Adele Reynolds from **Let's Talk Science**. Let's Talk Science: <https://letstalkscience.ca> is "an award-winning, national, charitable organization that has provided engaging, evidence-based STEM programs and resources for more than 25 years at no cost for Canadian students and educators". If you haven't yet had the opportunity to explore this resource, I would highly recommend that you take a look at the Spring offerings when time permits. Please note that the event times are in the Eastern time zone as per the website (head office is in London, Ontario). However, they often offer recordings if any of the live event times don't work out:

<https://www.canva.com/design/DAE-dDK5Zjc/3IMkZrMIAgSudk1E7NZtAw/view?website#4:welcome-to-let-s-talk-science>.

And on the topic of Science, please note the attached information on the **Virtual Field Trip** to "Canada's largest youth STEM event", the **Canada Wide Science Fair**. The event will take place May 18-20 and is aimed at students in grades 5-11. Registered visitors receive free teacher and student resources to make the most of their virtual experience. As the Program Director for the 1991 Canada Wide Science Fair in Vancouver, I can personally vouch for this high quality, inspirational event ☺

Wishing you the very best!



Frances Roch, Principal of Learning Services

*We respectfully acknowledge the unceded ancestral lands of the Indigenous nations in which we live, work and play. The Lheidli T'enneh Nation in Prince George. The Tsimshian Nation in Prince Rupert. The Haisla Nation in Kitimat. The Wet'suwe'ten in Smithers. The Treaty 8 First Nations of Alberta in Dawson Creek.*



## REMINDERS ...

Connect with the CISPG Learning Services Team:

**Instagram** @cispglearningservices

**Twitter** @frances\_roch

### Christian Education Consultant

Melodie Van Der Meer

[mvandermeer@cispvg.ca](mailto:mvandermeer@cispvg.ca)

Many thanks to Melodie for her extensive work integrating the **Alive in Christ** program to the **CISVA Christian Education Curriculum**.

Please see the PDF attached to this newsletter ☺

### Innovative Learning Consultants

Jenna Gilbertson

[jgilbertson@cispvg.ca](mailto:jgilbertson@cispvg.ca)

### Inclusive Education Consultant

Natalie Nundal

[nnundal@cispvg.ca](mailto:nnundal@cispvg.ca)



# RESOURCES

All resources mentioned in this newsletter have been collected from school districts and educators across the province. Please be advised that the links embedded within this document are meant to provide examples of "strong practice" across BC. They are not meant to overwhelm, but rather to support CISPG educators with a repository of rich resources. I am grateful to school districts and educators across BC who so generously share their learning with us.

## LITERACY

- Shared by Rose Pillay @RosePillay1 - Produced for K-12 educators, **Teach This Poem** features one poem a week, accompanied by interdisciplinary primary sources and activities designed to help teachers quickly and easily bring poetry into the classroom. The series is produced with the assistance of Curriculum Consultant Ansley Moon and was developed with Educator in Residence Dr. Madeleine Fuchs Holzer who continues to provide oversight and guidance. Teach This Poem is available for free via email: <https://poets.org/teach-poem>
- From TCEA @TCEA - **Digital Tools for Note Taking and Outlining:** <https://bit.ly/3kQRzaW>
- Also from TCEA @TCEA - **Evidence-Based Instructional Strategy: Semantic Maps Made Easy** <https://bit.ly/3j9HFO2>



3.10A - Explore how structures and functions of plants and animals allow them to survive in a particular environment

Say It Another Way				
Structures	Functions	Plants	Animals	Environments
Parts Piece	Purpose Job	Producers Vegetation	Creature Critic	habitat
Types: animals - legs - feet - ears - tails - eyes	needs - eat/drink - protection - breathe	Types of: - herbs - flowers - shrubs - bushes - weeds - trees	Types of: - mammals - birds - fish - reptiles - insects - spiders - worms	Types forest rainforest - water (aquatic) - ocean - fresh - river - lake - desert - tundra - grassland
Types: plants - stem/trunk - roots - leaf/leaves - seed - flower	needs - water - light - air - space - nutrients			

Let students give the

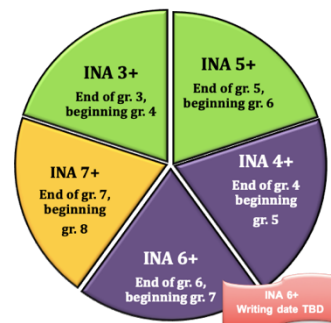
- Shared by Jarrett Lerner @Jarrett\_Lerner - **Happy National Poetry Month!** Here's a poetry activity that you can download and print for free from the Activities page of my website, along with a couple hundred others. Find them all here: <https://jarrettlerner.com/activities/>
- From Christy McClain @christy\_clain - Are your students struggling to use academic vocabulary in science? Try making a **'Say It Another Way' word wall** for your classroom! Don't stop there... allow them to have their own in their science notebook! When we can organize words & their meanings, we begin to understand them!

## NUMERACY

- With thanks to **Dan Finkel @MathforLove** - I'm looking over mathematical openers in preparation for a talk, and WOW - if you don't use these, you're missing out: <https://mathforlove.com/lessons/openers/>
- Shared by SCDSB Math @scdsbmth - Looking for new sources for **Number Talks**? Check out the images from @BerkeleyEverett [https://berkeleyeverett.com/images/?mc\\_cid=de6977f380&mc\\_eid=243e395ada](https://berkeleyeverett.com/images/?mc_cid=de6977f380&mc_eid=243e395ada). Use as is or format your own.
- With thanks to Berkeley Everett @BerkeleyEverett - **K-5 Number Sense Routines**, anyone? Check out these free slide decks from @BerkeleyEverett: <https://bit.ly/36YGMAn>
- Check out the BC Reggio Mathematics blog and subscribe to their newsletter. Very informative! [https://janicenovkam.typepad.com/reggioinspired\\_mathematic/2022/04/index.html](https://janicenovkam.typepad.com/reggioinspired_mathematic/2022/04/index.html)

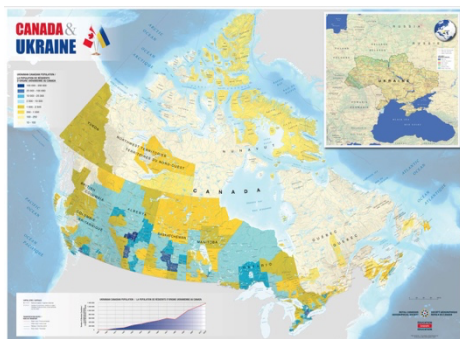
- From **Kirk Keating** @KSSquaredMathNS - @LLB\_315, @pgliljedahl #ccrcemath educators, #mtbos, #thinkingclassroom have had a huge impact on how I think about, teach & learn mathematics. @MCubedCCRCEMATH, @KathrynMackie3, @KelPower & I are putting our heads together to share learning & reflecting: <https://sites.google.com/gnspes.ca/adding-to-the-equation/home?authuser=0>

- Island Numeracy Assessment** (Grades 3-8) - Check out the updated **FREE Island Numeracy Assessments** - "Our new assessment, the Island Numeracy Assessment, or INA, was developed to align numeracy assessment practices with current numeracy learning expectations of BC students. The design offers comprehensive, ongoing assessment of student thinking and learning. It is our hope that teachers will use the assessment tool to inform instructional decisions and help students become aware of their current level of understanding in mathematics; actively monitoring their own learning": <http://www.islandnumeracy.ca/index.php/ina-home/>

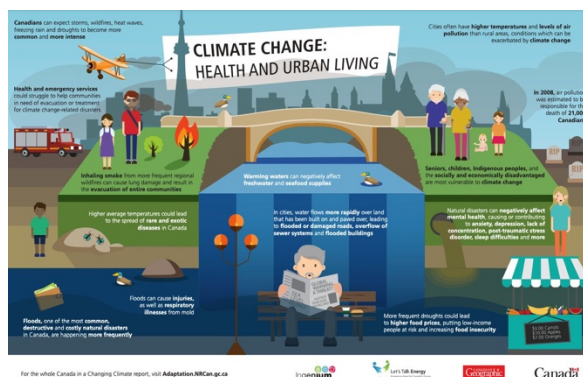


## EXPLORATIONS

- From Carly And Adam @carlyandadam - What can your students make out of a plastic bag? Check out this blog post for more **Earth Day Read Aloud STEM ideas**: <https://carlyandadam.com/thecarlyandada>
- Historica Canada** @HistoricaCanada #Teachers, do you need **resources to help your students understand climate change**? Have a look at our Plain Language Summary on the topic for a simple, accessible explanation: <https://www.thecanadianencyclopedia.ca/en/article/climate-change-plain-language-summary>
- From **Canadian Geographic Education** @CanGeoEdu - **Our planet, our health!** Check out our Climate Change infographics to learn about its effects on the environment, our health, and find out ways that we can mitigate and adapt to #climatechange: <https://bit.ly/3sNXd1p>



- And more from **Canadian Geographic Education** @CanGeoEdu - Canada is home to 1.4 million people of Ukrainian



descent and has the second-largest Ukrainian diaspora in the world. Explore Canada's connections to Ukraine with our new map and activity, delving into the **history of Ukrainian Canadians**: <https://bit.ly/3JCZm63>

- From **Nat Geo Education** @NatGeoEducation - Around the world women are contributing to the fields of #STEM to help increase our understanding of our planet and protect it. Explore our collection of **#WomenInSTEM videos** in our #ResourceLibrary to introduce your learners to some of these trailblazers: [https://www.nationalgeographic.org/topics/women-stem/?q=&page=1&per\\_page=25&account=NatGeoEducation&campaign=Educators&platform=Twitter&post=6496667460&source=ngs-social](https://www.nationalgeographic.org/topics/women-stem/?q=&page=1&per_page=25&account=NatGeoEducation&campaign=Educators&platform=Twitter&post=6496667460&source=ngs-social)
- Also from **Nat Geo Education** @NatGeoEducation - Print off **tabletop maps** from our #ResourceLibrary and start your exploration of waterways! <http://on.natgeo.org/6014KY5Wi>



- From **The Outdoor Learning Store** @TheOLStore - **Water Rangers** @water\_rangers is a Canadian non-profit organization empowering anyone to collect observations for their local rivers and lakes. Crowdsourcing open-data platform + user-friendly testkits:

<https://outdoorlearningstore.com/2022/03/01/partner-feature-water-rangers/>

Designed for learners of all ages, and no previous water testing experience. Compact, lightweight and convenient for quick water sampling, any time anywhere!

- Shared by **Megan Zeni** @Roomtoplay - Check it out! Developed in collaboration with @lkmaclean & Sarah Regan, this kit is available for purchase from @TheOLStore. The kit comes with curated resources, texts & lesson sparks for supporting outdoor learning with K-7 learners outdoors!



<https://outdoorlearningstore.com/product/looking-closely-book-bundle/>

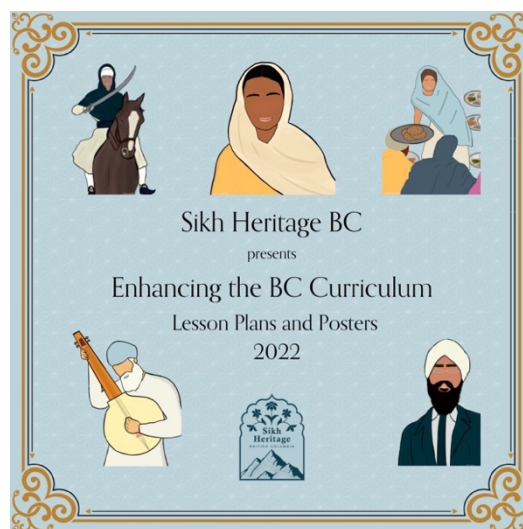
### 25 Cardboard STEAM Activities

B	O	A	R	D
Make your own personal vault. A device that can hold and sort your savings. But can only be opened by you!	Build a spaceship out of cardboard. Design five features for it that will keep people safe in space.	Build something out of cardboard that can keep an egg from breaking. When you throw it as high as you can and then let it hit the ground.	Build a windmill that will turn when the wind blows onto it. Observe what happens when you paint each blade a different color.	Research a type of severe weather (thunderstorm, blizzard, tornado, etc.) Build a house that would withstand that weather.
Create an arcade game (like skee-ball, ring toss or basketball) out of cardboard, design a way to change the difficulty.	Construct an upside down pyramid that's at least 10 inches tall. You may not use any tape, glue or anything else sticky though.	Research a famous architect or designer. Build a structure that would fit into their style. Explain why it does.	Build a puzzle box, a puzzle that requires certain things to move and modify to be opened. Challenge someone to open it in the shortest time.	Build a device that will dispense your favorite treat one piece at a time.
With cardboard, build an airplane that will glide through the air. Make a graph of its flights. Make another and see if you can get it to go farther.	Using only string and cardboard. Build a bridge that has a span of at least 10 inches. Make a guess on how much weight it can hold. Then put weight on it until it breaks.	Make cardboard squares. On each side cut a line halfway to the center. Connect the squares using the lines you cut. See what you can make with your new building toy.	With cardboard, design a device that can safely get something off the top shelf.	Using just cardboard and tape can you design a chair that has four legs, which a person can safely sit in.
Make a cardboard device that can hit a target with a ball at least three times in a row.	Build a ramp, make a vehicle that doesn't roll. Have it go down the ramp. See how far you can make it go!	Build a miniature golf course. Challenge people to see if they can complete it. After people play, take the feedback and make it more challenging.	Make a costume of a character from your favorite book. Wear it and see how many people can figure out who you are.	Build a maze for your pet to go through. Time them to see how long it takes them. Make a graph of all their attempts through the maze.
Research the Kon-Tiki expedition. Using it for inspiration, make a boat that can hold the largest rock you can safely pick up.	Build a model of where you live out of cardboard. Remodel it into your dream house. Explain what you would change and why.	Create a structure that will keep a ball moving for 60 seconds.	With a cardboard box, on the outside decorate it with things that represent you. On the inside create things that you wish people knew about you.	With cardboard, build a musical instrument. Have other people build some and have a concert!

[www.twitter.com/mrstemurray](https://twitter.com/mrstemurray)

- From Sikh Heritage BC @sikhheritageBC - April is #sikhheritagemonth! SHBC proudly announces the 2nd installment of our Education Project! This set includes more lesson plans and posters to use in classrooms. We also have a teacher approved list of children's storybooks written by Sikhs or Sikh characters:

<https://www.sikhheritagebc.ca/education>



## PHE/SEL

- From Danielle O'Neil @CoachONeil2010 - I LOVE teaching #gymnastics to my students but I hear a lot of #PETeachers are unsure where to start. Here's my sequence of events I use for pre-K to 5th! Feel free to use if you find it valuable!  
[https://docs.google.com/presentation/d/10ia0jX3OqArjmn6DVnDfljM9AKxlu2Y\\_qPA9XQoa0l/edit](https://docs.google.com/presentation/d/10ia0jX3OqArjmn6DVnDfljM9AKxlu2Y_qPA9XQoa0l/edit)
- Reminder from Gillian Judson @perfinker - **The Walking Curriculum** - Our numbers are inching up! Sign up to take learning outside with inquiry & imagination for 30 days starting #EarthDay April 22 AND put \$1 toward the great work of @EnviroYA: <http://circesfu.ca/practice/ecological-place-based-education/the-walking-curriculum-challenge-spring-2022/>
- Shared by EduSpark @EduSparkWorld - A course crafted for teachers who want to drive their students to engage more deeply with the natural and cultural aspects around them. Check out our **interactive course with Gillian Judson** @perfinker to learn more: <https://eduspark.world/courses/a-walking-curriculum>



- From **Project Learning Tree** - 12 Nature Walk Activities for Earth Day (Or Any Day):  
[https://www.plt.org/educator-tips/nature-walk-activities#.YkX3GOo\\_cbg.twitter](https://www.plt.org/educator-tips/nature-walk-activities#.YkX3GOo_cbg.twitter)

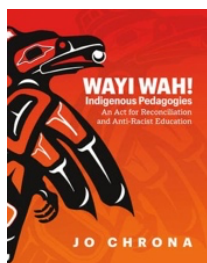
- Shared by **Live Active** @LiveActiveYEG - Looking for infographics and other visual media on #physicalliteracy? Check out @activeforlife's free downloads here - infographics, social media



images, and more: <https://activeforlife.com/resource/free-downloads/#teaching>

- From **Josh Ogilvie** @joshogilvie4 - Really looking forward to carrying on this journey with so many amazing #bcd leaders. What assessment info might we use & how to form grades that summarize & communicate student learning in #PHE? Let's dive in on Wed May 4 7-8 pm PST. Register: <http://bit.ly/37tWBX2>
- Shared by Solution Tree @SolutionTree - The recorded **Assessment Practices that Nurture Social-Emotional Health Webinar** by Katie White is edited and available on the website via this link: <https://www.solutiontree.com/assessment-practices-that-nurture-social-emotional-health.html>
- From Edutopia @edutopia - Soft starts, community circles, and frequent check-ins help this teacher create a warm classroom environment. **Classroom Management Tips for New Teachers From A New Teacher**: <https://www.edutopia.org/article/classroom-management-tips-new-teachers-new-teacher>
- From **CASEL** (Collaborative for Academic, Social, and Emotional Learning) @caselorg - Looking for an evidence-based program to advance implementation of social & emotional learning (#SEL) across your school or community? CASEL is not a program, but our **2022 guide** includes 86 programs with 9 newly added programs. And it's FREE! <https://pg.casel.org>

## INDIGENOUS UNDERSTANDING



- From Glen Hansman @glenhansman @luudisk (Jo Chrona) is one of the people in #bcd that I respect and appreciate the most, and from whom I've learned a lot. Her new book about Indigenous pedagogies will soon be out, and is available for pre-order here:

[https://portageandmainpress.com/Books/W/Wayi-Wah!-Indigenous-Pedagogies?fbclid=IwAR3Otmf8YDAHDO9mK1H6BzcY\\_f-QgSQADBzL4k3nBFT1j5GWOACifJ5z2o](https://portageandmainpress.com/Books/W/Wayi-Wah!-Indigenous-Pedagogies?fbclid=IwAR3Otmf8YDAHDO9mK1H6BzcY_f-QgSQADBzL4k3nBFT1j5GWOACifJ5z2o)

- From UBC - <https://edcp.educ.ubc.ca/11th-indigenous-math-symposium-virtual-2022/>

### 11th Indigenous Math Symposium - Virtual

**Sustaining Resilient Mathematical Communities for Well-Being**

**May 12 & May 19, 2022 Virtual**

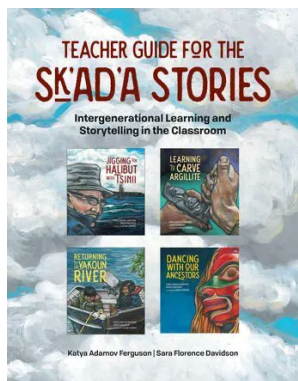
**Session 1 | Thursday May 12, 3:30-4:45 PT**  
**Mathematical Communities for Well-Being:** Métis scholar, mathematics educator and University of Alberta Vice-Provost (Indigenous Programming and Research) Dr. Florence Glanfield will share her experiences of building communities across diverse contexts.

**Session 2 | Thursday May 19, 3:30-4:45 PT**  
**Igniting the Sparkle Circle Sharing:** Teaching mathematics with Indigenous perspectives, practices, and pedagogies: What are we learning?

► Register | [tinyurl.com/IMS-11-2022](https://tinyurl.com/IMS-11-2022)  
\* Registration opens April 4, 2022 | \$10 + GST covers both sessions, no refunds, limited free registration for students

- Shared by NOIE @noiie\_bc - Another great resource coming your way! @hwoodro and @perfinker's **Walking Forward: Learning from Place** interweaves FPPL, IEE & teacher inquiry. It reframes the first 30 walks in **The Walking Curriculum** in ways that connect to the nine FPPL

<https://outdoorlearningstore.com/workshops/>

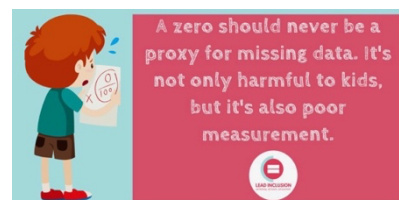


- Shared by Portage & Main Press @PortageMainPres - Bring Indigenous pedagogies into your classroom with the books in the Sk'ad'a Stories and this accompanying #teacherguide. <https://www.portageandmainpress.com/Books/T/Teacher-Guide-for-the-Sk-ad-a-Stories-Series>
- Shared by **Canadian Geographic Education** @CanGeoEdu - **From the Two Row Wampum Belt to Inuit land claims** and more, explore the history and geography of treaties and agreements in Canada! Check out our #ExploreCan StoryMap for examples of treaties from across Canada: <https://bit.ly/3vUwpP9>

- From Canadian Museum for Human Rights - **The Witness Blanket Travelling Exhibition** (for mature students/adults) will be visiting Prince Rupert and Prince George in May and June. See the link for more information: <https://humanrights.ca/travelling-exhibition/the-witness-blanket>
- Hul'qumi'num Scavenger Hunt**: <https://www.kwumut.org/post/hul-qumi-num-savenger-hunt> - Very interesting idea!

## INCLUSIVE EDUCATION

- Check out **Shelley Moore's 5 Moore Minutes** podcasts (Season 1 and 2) here: <https://fivemooreminutes.com/strategies/>
- Check out Shelley's **excellent blog** here: <https://blogsomemoore.com/>



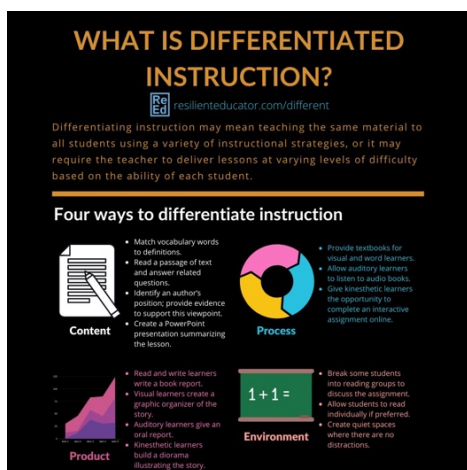
## ASSESSMENT & INSTRUCTION

- Shared by Rose Pillay @RosePillay1 - **Designing Assessment Items** <https://chrishunter.ca/2022/03/08/sba-designing-assessment-items/> via @ChrisHunter36
- From Katie White @KatieWhite426 - Read this: **Listening to Our Learners**. This shares the results when educators seek out the voices of students.

<https://allthingsassessment.info/2022/03/16/listening-to-our-learners/>

- From TCEA @TCEA - **Differentiated Instruction: Examples & Classroom Strategies** <https://bit.ly/3c6hMNs> via Resilient Educator

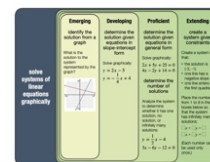
- From **EL Magazine** @ELmagazine - The April issue on #feedback is online now! Articles featuring @ThereseHuston, @jaymctighe, @tonyfrontier, @alexiswiggins, @bowmanimal, @SaneeBell, @tguskey, @The\_MainIdea, @myrondueck, @Teachers\_Lead, @jimknight99, @MattRKay, & more. Find it here: <https://www.ascd.org/el/feedback-for-impact>



Target What Students Know at Each Level

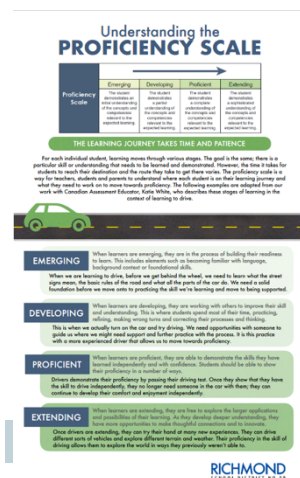


Recall that I attached specific questions to my descriptors to help students understand the proficiency scales:

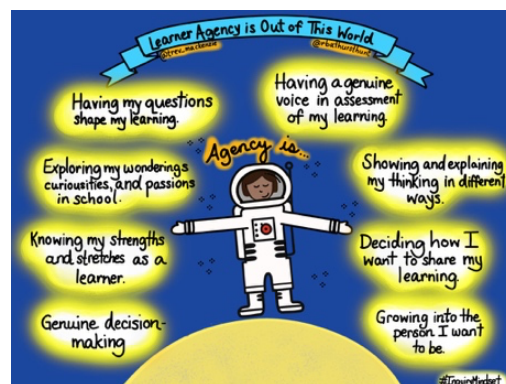




- More from **EL Magazine** @ELmagazine - New research points to five characteristics for effective feedback on instruction, write @tguskey & @laurajlink - **What Teachers Really Want When It Comes to Feedback:** <https://bit.ly/3wKDn9Q>
- And again, from **EL Magazine** - Focusing #feedback on what students know or think emphasizes learning rather than "being right" & helps teachers teach for understanding. **Gathering Feedback from Student Work:** <https://bit.ly/3LmCtEz>
- Finally, from **EL Magazine** - When a high-quality rubric is used effectively, both teachers and learners benefit, write @jaymctighe & @tonyfrontier. **Crafting rubrics for better feedback:** <https://bit.ly/3EaeXs0>
- Shared by Paul Britton @pbritton78 - Awesome work from my friend @DeniseUnderwo14! Take a look at **Learning Ladders:** [https://www.youtube.com/watch?v=IUi5\\_jnQ\\_2o](https://www.youtube.com/watch?v=IUi5_jnQ_2o)
- From **Corwin Press** @CorwinPress - Hey **Early Childhood Educators!** Don't forget to explore our free resources, webinars, and podcasts <http://ow.ly/hT6q50lpRHe>
- From **Bitesized Learning** @LearnBitesized - We will have a new video next week, but in the meantime, we hope you will check out our 9 bite sized videos inspired the work of @pgiljedahl. We think all classrooms can be thinking classrooms: <https://sites.google.com/wrdsb.ca/bitesizedlearning/home/learning-from-liljedahls-thinking-classroom>



- Shared by Rose Pillay @RosePillay1 (from Richmond School District) - **Understanding the Proficiency Scale**
- Shared by Trevor MacKenzie @trev\_mackenzie - Weekly #inquiry sketch: **Learner Agency is Out of This World.** Agency is a sophisticated concept when we consider it in a schooling context. Here are 8 facets of agency to consider through an #inquiry lens.



## PROFESSIONAL LEARNING

- Shared by **NOIE** @noiie\_bc - **NOIE Symposium.** Proudly highlights ongoing inquiries, honours the power of networks, and celebrates what unites us: our commitment to equity and quality for all learners. Join us for stories of **Being, Belonging and Becoming.** Register Now. <https://noiie.ca/symposium>
- From **Live It Earth** @LiveItEarth - Have you had a chance to listen to our latest podcast episode? Tune in to hear what @jhalbert8 and @kaser\_linda of @UBCEduc have to share about #transformativeeducation: <https://bit.ly/3uBUzLT>

