



# Technology in the Physically Active Classroom



Presented by:  
Ryan Fahey



# Acknowledging The Land

•Our session today is being held on Treaty 7 land, which is the traditional territory of many nations, including many Blackfoot, Nakota and Sarcee peoples. I wish to acknowledge those peoples as Traditional Owners of these lands. I would also like to pay my respects to the Elders of these lands, both past and present, and the Elders from other communities who may be here today.





# Session Outcomes

- Why integrate technology into your PE class?
- What are some tools and resources available? (websites, apps and other online tools)
- What does technology look in your PE class setting?
- How can tech help make your assessment easy?





# Supporting Healthy School Communities in Alberta

## **Vision**

All Alberta students belong to healthy school communities that enable optimal health and learning.

## **Mission**

To provide provincial leadership that promotes and supports healthy, active school communities through a comprehensive school health approach.

## **Priority**

Lead, support and connect work towards improved health and learning outcomes of children in Alberta.



# Ever Active Schools (Alberta, Canada)



The Alberta  
Teachers' Association



A special project of the Health and Physical Education  
Council of the Alberta Teachers' Association

Funded by:

- Alberta Culture and Tourism
- Alberta Education
- Alberta Health



# Why Integrate Technology?



# Pedagogy of Technology In Your Practice

- **Things to keep in mind:**
- Will this technology be used to support this activity to enhance student learning? Or is it just a gadget?
- Will this integrated technology support students to create, collaborate, communicate, explore, connect, or extend their learning?
- Does this choice of device best serve the student's learning needs?
- Do you have infrastructure and resources to use tech when teaching this lesson? Wi-Fi, YouTube access, apps available on devices, small ratio of students per device etc.



- The information from this slide has been modified from *Using Multiple iPads in #physed* by Nathan Horne and Patty Kestell and from lecture given by Naomi Hartl.



# Pedagogy of Technology in PE

“Often teachers are afraid of the openness and unfamiliar territory of the new technology, so restrict what can and can’t be done, creating a closed approach and system.” (Laidlaw & O’Mara, 2011)

“As Luke (2007) suggests, children need to be educated as “global cosmopolitan citizens” who are growing up processing multiple digital information sources at once, in their time outside of school, and as a result are developing abilities that may be less familiar to the adults around them.” (Laidlaw & O’Mara, 2011)



# The Plugged In Generation...

- Blending technology and classroom learning: Jessie Woolley-Wilson at TEDxRainier (12 minutes)
- <https://www.youtube.com/watch?v=o0TbaHimigw>



# Composite Attentional Allocation of 20 student's taking the same test.



(Hillman et al., 2008)



# Shake It Off Dance: Coach Pirillo



Let's Dance - Shake It Off



Benjamin Pirillo

Subscribe 2,522

3,819 views



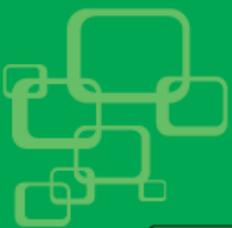
# Setting the stage – mix, pair, share

1. Mix and mingle to the music
2. Pair up with someone who does not teach at your school
3. Share ***one or two ways you incorporate technology*** into your classes that helps your students reach their lesson outcome(s)



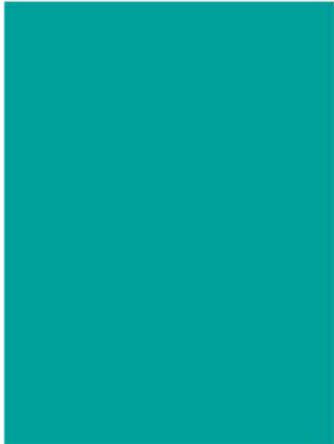
# QR Code – Fitness Dice Activity





# Daily Physical Activity GREATEST HITS





# Guard The Pin



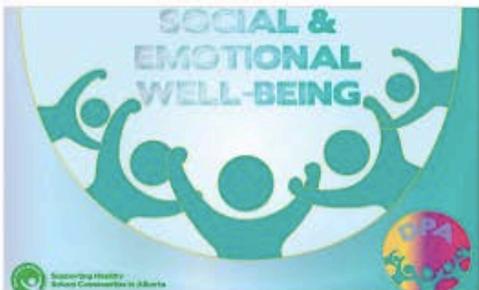


## Don't Walk In The Hallway

The environments we operate in provide cues, nudges and incentives that influence our behaviour. Recognizing the importance of promoting healthy learning environments, hallway decals offer a way to modify school spaces, helping to activate your students!

\$100.00

Buy



## Social & Emotional Well-being Booster Kit

The Social & Emotional Well-being Booster Kit has been designed to bolster your daily physical activity (DPA) in a way that connects to all dimensions of wellness - physical, mental, social, emotional and spiritual.

\$195.00

Buy



## Lucky Sevens Card Game

EAS has teamed up with the AMA Youth Run Club and Be Fit For Life to create this card game (suitable for K-12) . Included are seven different game ideas using 4 suits sure to get you and your group moving while developing Fundamental Movements Skills.

\$15.00

Add to Cart



<http://www.everactive.org/online-store>





**Garmin Connect  
Mobile**



**Strava – running &  
cycling**



**RunKeeper**



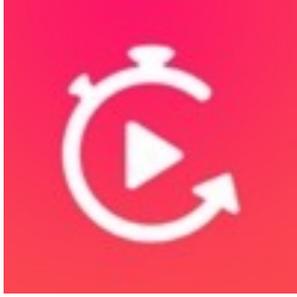
**Cyclemeter -  
GPS**



**MapMyRun**



# Video Movement analysis apps



SlowMo Coach



Hudltechnique

Coach's Eye

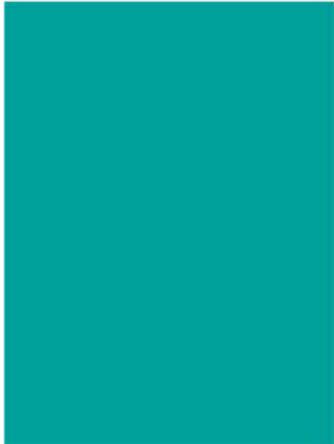


<https://www.youtube.com/watch?v= luJCJdX3Yo>









# Tech Assessment Tool Kit



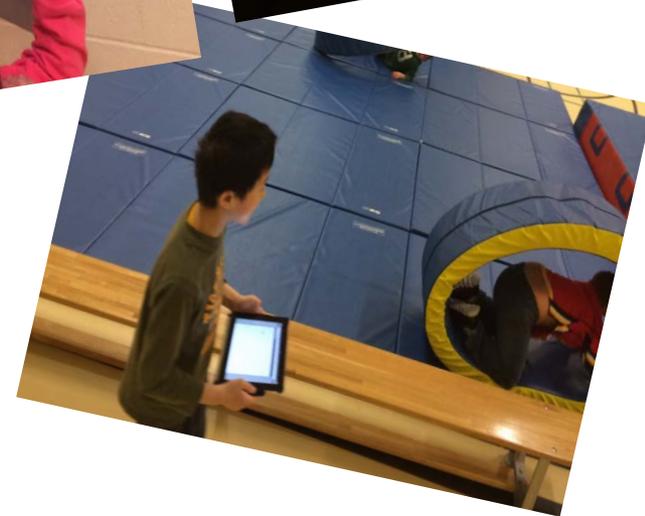
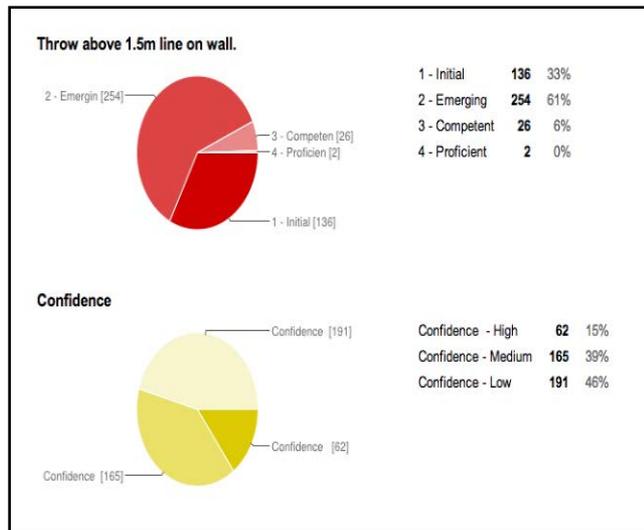
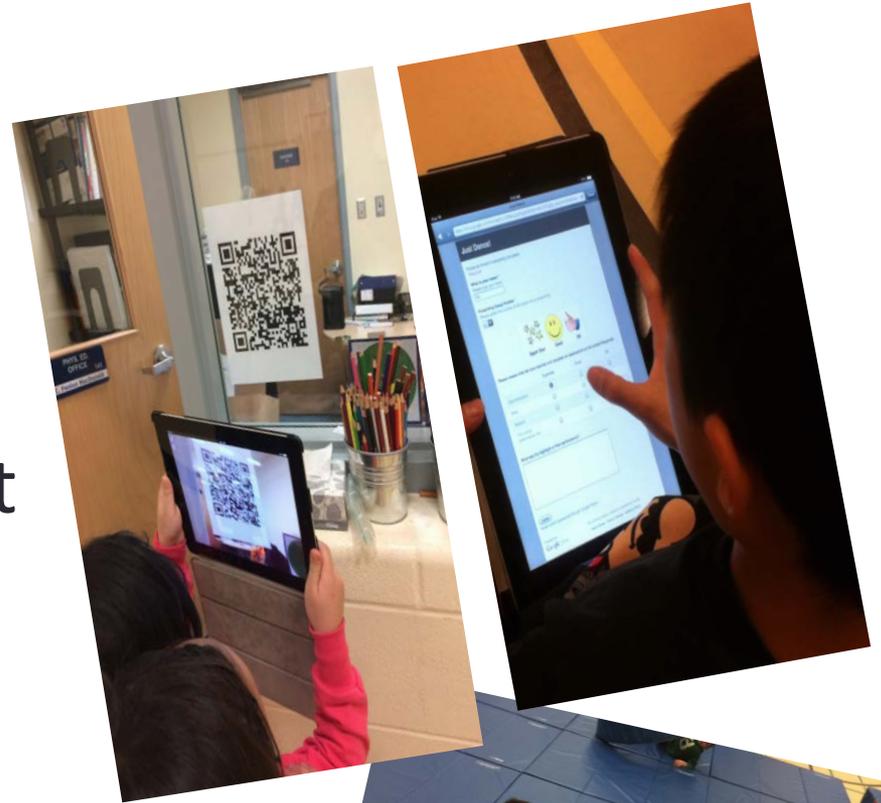
# ORGANIZATIONAL APPS – ASSISTING IN ASSESSMENT FOR AND OF LEARNING

- Google Drive App
  - Forms
  - Docs Apps
  - Excel
  - Chrome
  
- Classroom App



# Using Google Forms for Assessment

- Google Forms
  - Self-Assessment
  - Peer Assessment
  - Formative Assessment



# Phys Ed Test Assessment

Form Description

Question Title

Untitled Question

Help Text

Question Type

Multiple choice

Go to page based on answer

Option 1

Click to add option

Done

Required question

Add item

Title of your form

Question and Help Text

Many choices of question types, including rubrics.



- <https://gfycat.com/DirectNiftyBinturong>
- <http://thephysicaleducator.com/blog/files/numbers-gradebooks-2015.html>



# Organizational Apps – assisting in assessment for and of learning



**Socrative  
Teacher/Student**



**Easy Portfolio**



**Penultimate**



# Social Media – Professional Learning Communities



**#EASchat**  
March 2nd @ 8pm MST

How can we embed physical literacy into our students everyday learning?

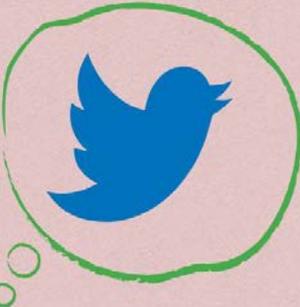
1. What does physical literacy mean to you?
2. What changes can you make to enhance your physical literacy environment?
3. Provide examples of how your teaching practice has been influenced by physical literacy?
4. Has your teaching practice changed as a result of physical literacy. If so, how? Provide examples.

Ever Active Schools welcomes @ajmorgan & @wellnessrf as our moderators for our March #EASchat

 Andrew is a Health & Physical Educator in the Edmonton Public School Division

 Ryan is the School Health Facilitator at Ever Active Schools

 Supporting Healthy School Communities in Alberta



# PHYSICAL LITERACY RESOURCE LIST



<http://goo.gl/Btf1N8>



# Useful websites for Tech and Learning Resources

- [www.2learn.ca](http://www.2learn.ca)
- <http://code.on.ca/resource/introducing-creative-dance>
- [www.everactive.org/resources](http://www.everactive.org/resources)
- [www.learnalberta.ca](http://www.learnalberta.ca)
- <http://www.pecentral.com/lessonideas/searchresults.asp?category=56>
- <http://www.thephysicaleducator.com/>
- <https://thepegeek.com/> - examines tech



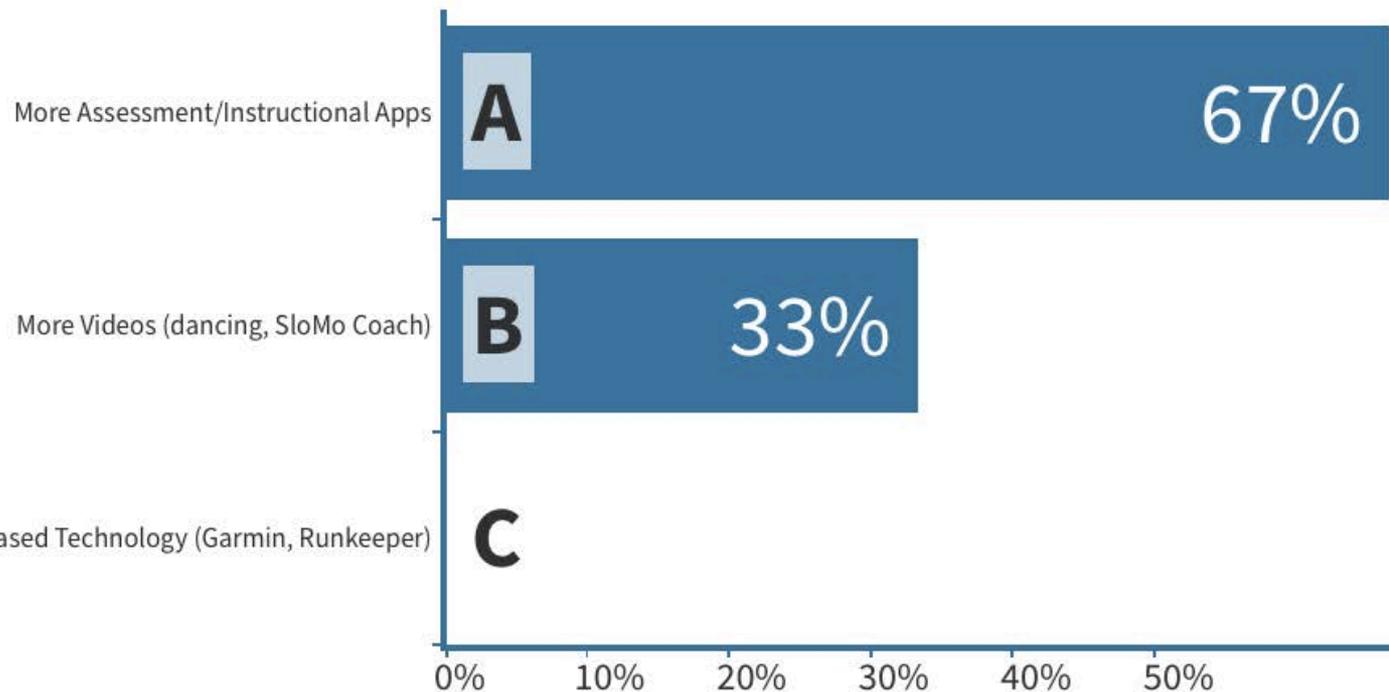
# Reflection & Wrap-Up:

As a result of this workshop...

## Things I will start using in my Pedagogy

Respond at [PollEv.com/ryanfahey524](https://poll-ev.com/ryanfahey524)

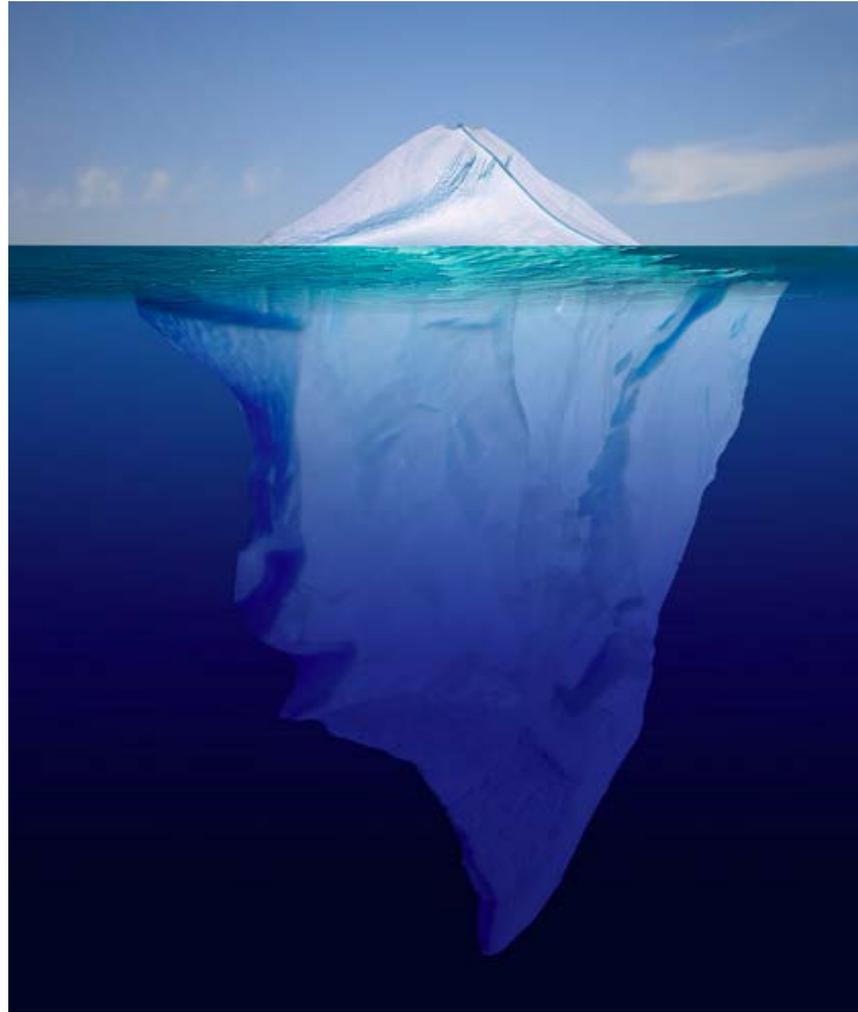
Text **RYANFAHEY524** to **37607** once to join, then **A, B, or C**



# Your Tech Choices

- Ultimately, whichever technology resources you use our best advice is to *try, reflect and evaluate* how it supports student learning and your teaching practice.
- Technology should feel like it is a part of the lesson and it shouldn't feel separate from the lesson.
- If it creates more work, scrap it.
- Remember, the focus should always remain on learning goals & objectives- not devices.





# Healthy Active School Symposia

## Healthy Active Schools Symposia

H A S S

What do you do with an idea?

Supporting Healthy School Communities  
through Student Leadership



EverActive.org/HASS  
@EverActiveAB  
#EASHASS

Alberta  
Government



everactive.org



# SHAPING *the* FUTURE

January 26th to 28th, 2017 - Kananaskis, AB



# HPEC 2017 Jasper, AB.



May 11th-13th





W. RUDLING

