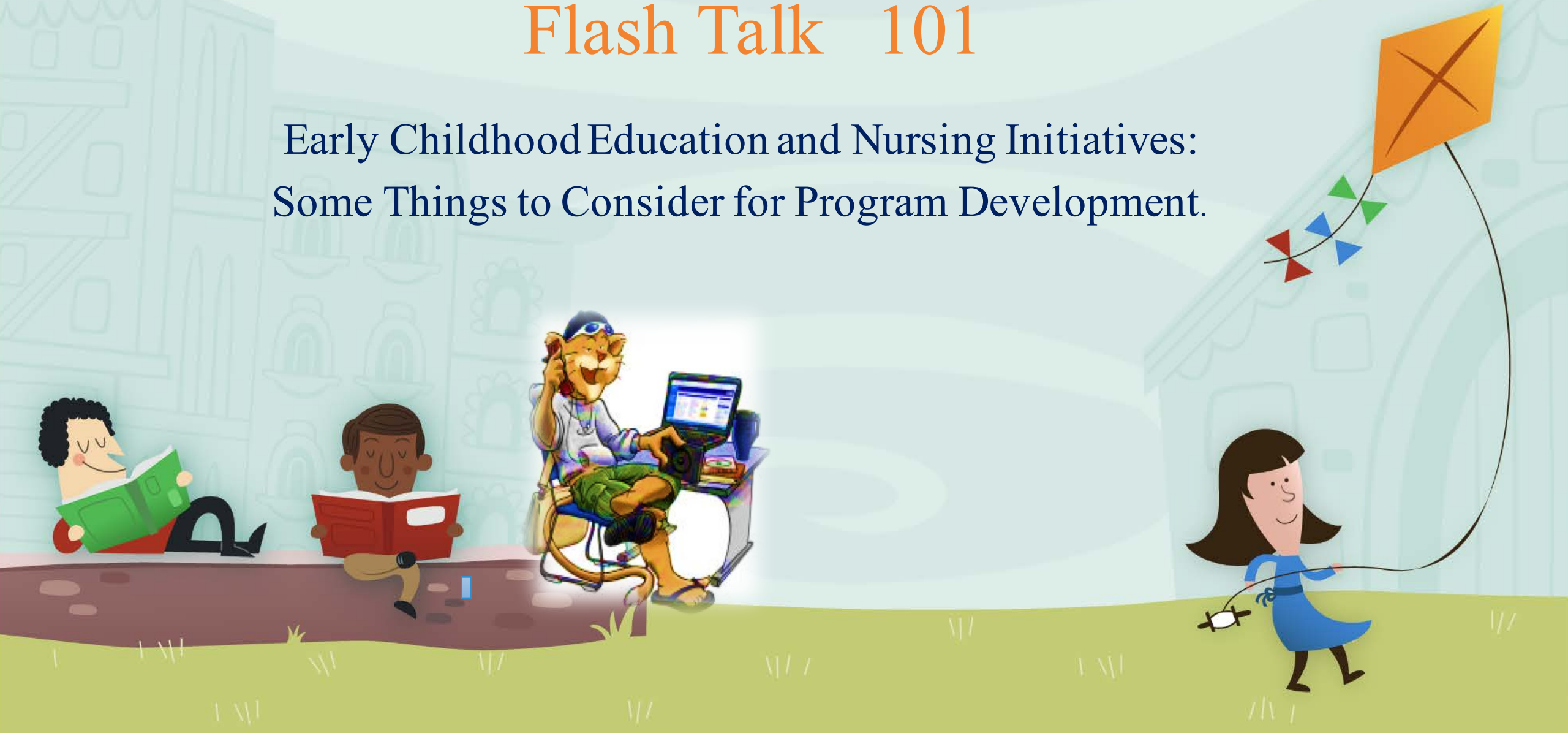
Flash Talk 101

Early Childhood Education and Nursing Initiatives: Some Things to Consider for Program Development.



Objectives

- At the conclusion of this Flash Talk, participants should be able to describe:
  - An Aha moment
  - The Cub Companion project
    - The purpose of the Cub
    - The purpose of the project
- Two (2) applications that might be pertinent to the WPSU Early Childhood Education Project

College of Nursing wins 2018 mHealth Challenge

- An app is used to control a Bluetooth speaker placed inside a stuffed bear to communicate with children about their medical treatment. Designed to reduce anxiety in pediatric cancer patients by providing comfort, knowledge and evidence-based coping mechanisms.

Cub Companion

Categories

- Education >
- Distraction >
- Breathing >

Connected to Mr. Squiggles

Distraction

Activities

- Sing a song >
- Ask a question >
- Count >
- Imagine a scene >

Cub Companion

Categories

Education

Distraction

Breathing

Connected to Mr. Squiggles

Breathing

Activities

Balloon blowing

Candle blowing

Belly breathing

Nose breathing

Prototype

Belly Breathing

Description

Deep breathing is an effective way to relax your child. With belly breathing, your child will place Mr. Squiggles on their stomach...

Bear's Dialogue

It's time to take me on a ride!

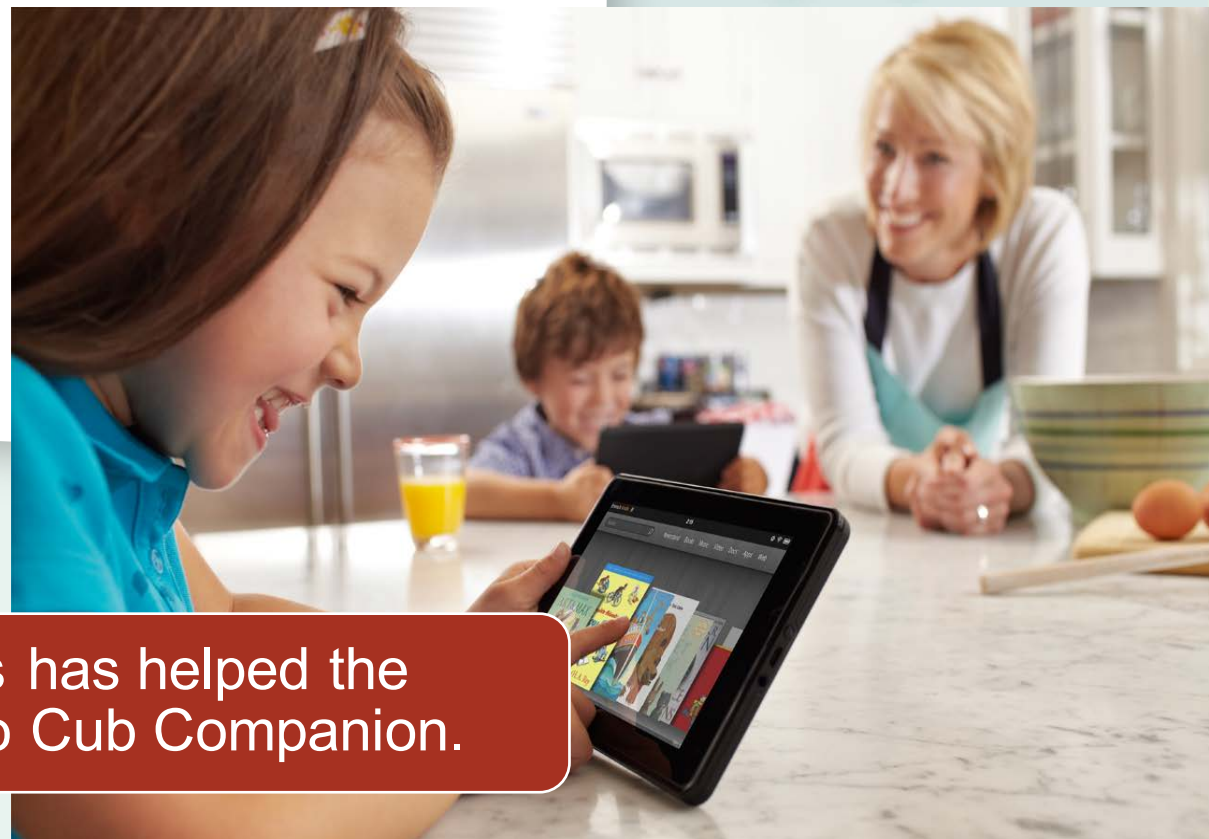
Put me on your belly and take a big deep breath through your nose as I count to 4. Make your belly nice and round!

1, 2, 3, 4

Now hold your breath as I count...

Prototype

Onward State



Research on child interaction with products has helped the team understand how a child might react to Cub Companion.

Reaching out to parents of pediatric cancer patients and oncology nurses provided valuable information from the people closest to the children.

Nurses

Parents

- *(From Berardi, Hulburt, Miller & Merkel "WPSU Innovation Planning Grant")*
- WPSU's strength in **trusted** children's programming should be re-emphasized, with a unit that connects with school districts, libraries, homeschoolers, daycares and caregivers.
- Priorities
  - Serving Learning Families in our Geographically Dispersed Coverage Area
  - Supporting Early Childhood Development
  - Focus on Learning Impact
  - Leveraging Penn State and Community Connections
  - Continue to Innovate

Reaching out to parents of pediatric cancer patients and oncology nurses provided valuable information from the people closest to the children.

Nurses

Parents

The team determined that the biggest areas of focus were building trust in a new environment and encouraging distraction from invasive procedures.

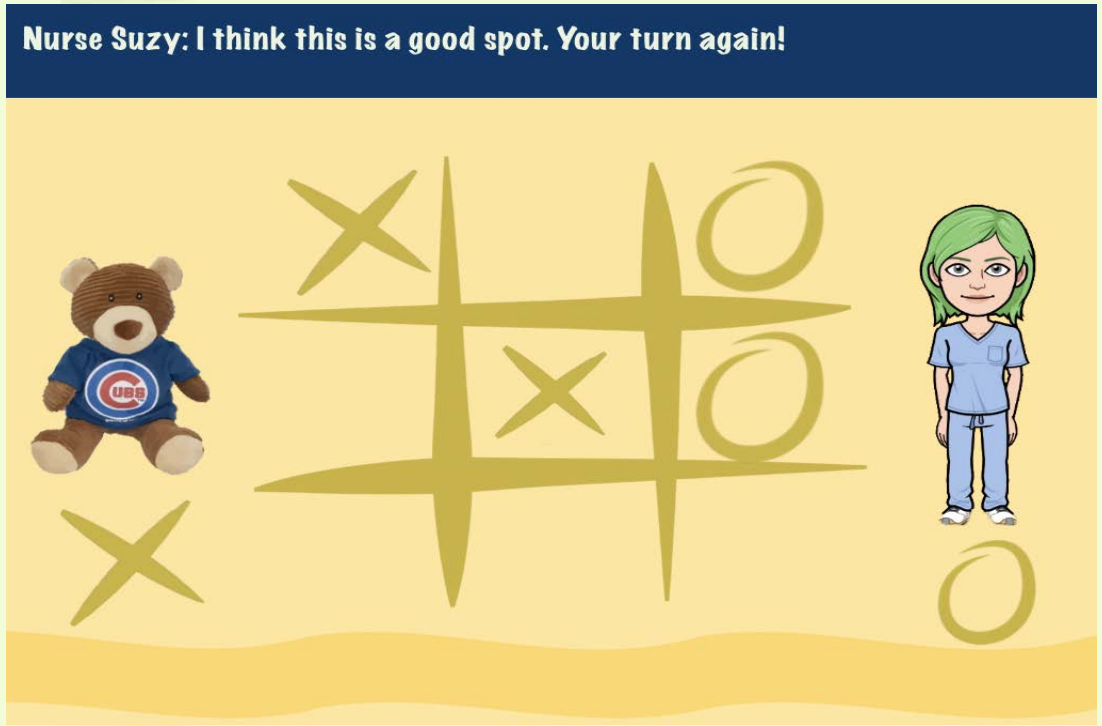
Retrieved from: http://itsnotaboutnutrition.com/2018/09/03/everyone-always-giving-kids-candy/

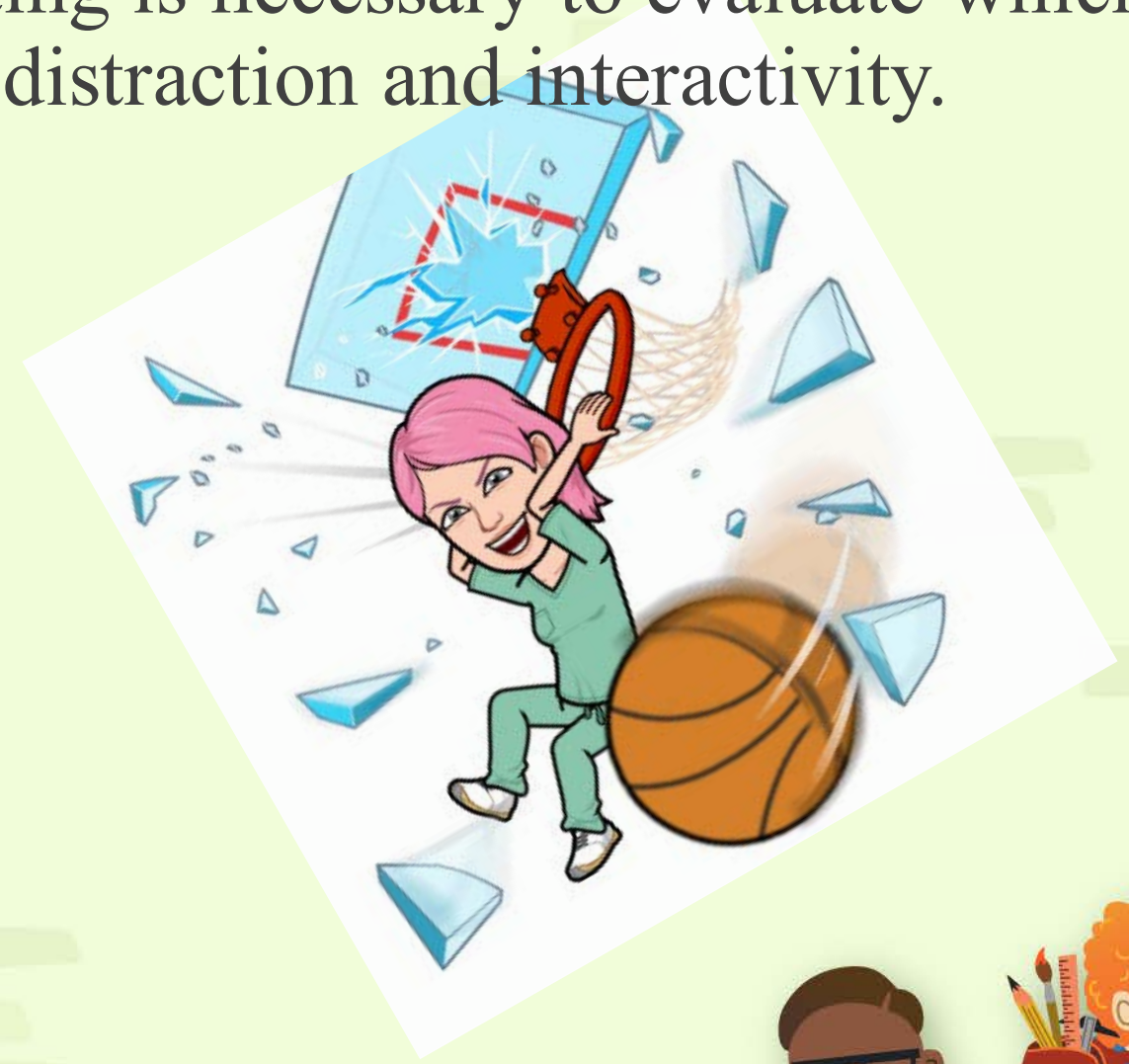
Retrieved from: https://togetherstjude.org/en-us/about-pediatric-cancer/care-team.html

An Aside……

Hi, I'm nurse Jen.
Click on the arrow
to play a game!

More research and prototype testing is necessary to evaluate which games are the best for providing distraction and interactivity.





Hmmm. Should I share? How many?

1?....2?....1 for Ernie+ 1 for Bert? =

A virtual world with a physical component provides much promise for significantly reducing stress in pediatric cancer patients.

The Word Cloud of the Caretaker, the Educator and the Program Developer Team should look very similar

WPSU - Where do we go from here?

- The word cloud for the student, the parent and the teacher should look about the sa
- The kids are already using this mediu

- Mr. Rogers isn't gone. He is just virt
  - That means we can make his sweater any color we want.
    - And zip and unzip it as many times as we want.

- Use students
  - They are already there with the tools
  - They don't know the "We tried that 8 years ago and it didn't work…" routine for this.

Resiliency Affinity Special

Objectives

Based on the presentation, can we describe…?

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Developers and Faculty

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