



# THINKING OUT OF THE VIRTUAL BOX: VIRTUAL LEARNING PROFESSIONAL DEVELOPMENT

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Tech Tink N Teach

2020 Professional Development Offerings for Districts,  
Organizations and Educators

# ***Presenter & Facilitator***



## **Marcos Navas**

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***Founder and CEO of Hands on Coding***

***Founder of HCD4EDU (Human Center Design  
for Education)***

***Princeton Hive Innovation Director***

***TED Ed Innovative Educator Cohort 3***

***IDEO Teachers Guild Certified Educational  
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# Overview

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2020 has been one of the most impactful years thus far on record. With the world dealing with the Covid 19 Pandemic, districts, schools and educators were forced into the unknown world of Virtual Learning. Many have heard the term but never really understood the implications and tech skills needed to run virtual school. This is where Tech Tink n Teach and its founder Marcos Navas can assist and help guide districts, organizations and educators in this uncharted world of learning.

All Professional Development is done via Zoom, and when things get better, can be done face to face as well. In addition, any session can be customized and expanded upon for a more thorough PD experience. Please let us know if you have any questions.

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# *Virtual Learning PD*

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## **Virtual Learning: Uncharted Territory:**

(4, 1 Hour Live Sessions) What is virtual

learning? Currently there are many different meanings to this question. In this session, we will explore the many models of virtual learning, the different scenarios, and digital tools available for educators to get into the world of digital and virtual learning.



## **Google Classroom and Google for Education**

**Suite** (4, 1 Hour Live Sessions) Working with Google

Classroom is essential in today's environment but how can we work with Google Classroom collaboratively? Collaboration must be second nature for a positive school culture and Google Classroom can help. Google Docs, Google Slides, Google Sheets and Google Forms all have a tremendous role to play. Adding students, assignments, attachments, and announcements is just the beginning.

# Virtual Learning PD

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## **Problem Based Learning in a Virtual World (3 Hour Live Series)**

Problem Based Learning (PBL) has been a driver in the education space for years but are we really clear about what it is? And what's more important and timely, how can we run a PBL in a virtual world? We will use a step-by-step protocol for creating a PBL in a virtual world and finally how to showcase it.



## **Virtual Learning - Using Human Centered Design & Design Thinking (4 Hours Virtual Series)**

The current pandemic that is sweeping the globe comes with many issues, complications, and messy problems. However, there is a process that we can use in all aspects of a school to ideate solutions. It is called Human Center Design. What is Human Centered Design (HCD) and the Mindset and Methods behind HCD? What is Design Thinking and how can it be used as a toolset for educators when facing real messy problems? In this session we will explore how design can solve issues and problems



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## **What's your Story?! Using Technology to Tell the Tale and Help Build the Schools Brand (3 Hour Virtual)**

How students can use technology to tell their story and yours to build your school's brand. With the access to technology and digital platforms, students have the opportunity to create their stories into digital media that can be shared with the world! Through this sharing of ideas and these student stories, School's best practices and branding can be shared with millions. Explore how students can assist in building your school's brand through digital story making.

## **TED ED - Strengthening Student Voice Through TED ED**

All students have creativity, ideas and concepts worth sharing and presenting but may not have the platform or the means to communicate their ideas effectively. TED Ed resources can help schools create student led TED Talks where students evaluate the challenges in the world around them and design solutions. We will explore TED Ed resources, lesson plans and other curriculum as well as videos and Stop motion animation.



# Virtual Learning PD

**FlipGrid - Discovering Virtual Student Voice in a MicroSociety® Setting Using FlipGrid (2 Hour Virtual) <https://static.flipgrid.com/docs/Flipgrid-Remote-Learning.pdf>** Flipgrid is one of the fastest

growing apps in education and the best news is that it's free! So how do we get started? Overview: You will learn how to create accounts, learn and utilize FlipGrid vocabulary like grids, topics and responses and we will share examples too. Disco Libraries and Mixtapes, Integration into Ventures, voting and surveying by text and other strategies will be explored.

**Computational Thinking and Computer Science - (3 Hour Virtual)** One of the largest growing sections of STEM is Computer Science. We already know that computer science plays a major part in our lives and the impact will be even greater in the years ahead. We will explore computational thinking, toolsets and how to integrate computer science, app making and coding into your virtual school.



# Virtual Learning PD

## **Virtual Hackathons and Design-a-thons Live Interactive Sessions 5 one hour zoom sessions**

In this session we will run a virtual Hackathon or Design-a-thon. Through the use of design thinking and app making ideas and software, participants will develop an app to better the world and take part in a virtual Hackathon.

For participants that prefer to go deeper with Human Center Design and Design Thinking, Design a Thons provide participants to analyze the world, find opportunities for design, and prototype solutions to the world around them.

