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A BLACKBAUD COMPANY

## Forward Together

## Kids Are Already in the Metaverse. How Do We Protect Them?

LearnOn 2022 Breakout Session July 21, 2022



### Kids Are Already in the Metaverse. How Do We Protect Them?



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Director of Online Learning ISTE

## AGENDA

- WHAT IS THE METAVERSE what are the opportunities and dangers?
- PANEL DISCUSSION how do we protect kids? **RESOURCES** - and next steps



### **Online World & Risks**

Mum warns of dangers after son is groomed the online game 'Roblox'



Technology

Roblox: 'I thought he was playing an innocent game'

Metro mother warns about pornogr/ material on popular video game Updated: Apr 26, 2019 - 11:37 PM

rough	
	05.25.19
	These black women gamers teamed up to take on the worst online trolls
Op chi	peration Home Alone: 16 arrested in New Jersey
<b>GROOMED ONLINE 'Minecraft' game groomed my son' says</b> <b>mum of teen hacker who sparked 400 school bomb threats</b>	
	Technology
aphic	'The kids emptied our bank account playing Fifa' By Zoe Kleinman Technology reporter, BBC News
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### Anatomy of the Metaverse

#### Use Case

#### Commerce

#### Connect

#### Create

#### Infrastructure

#### Ethos

Pearlman, Kavya, et al. "Securing the Metaverse - Virtual Worlds Need REAL Governance." Simulation Interoperability Standards Organization - SISO, https://www.sisostds.org/, Oct. 2021. Medical, Collaboration, Education, Wellness, Entertainment, Social

NFTs, Services, Marketplaces, Virtual Goods, Cryptocurrencies

LMS, Avatars, Al Agents, Digital Twin, Communities, Persistence, BCIs, CRMs, HRMS, Individuals

Capture, Curation, Animating, Writing, 2D/3D Modelling, Texture Painting, IDEs, Audio Production

GPS, AI, Internet, CDN, IoT, Rendering, Cloud Computing, NDN, Quantum Computing, Blockchain, XR, 5G/6G

Ethics, Rights, Politics, Society, Governance, Expertise, Economics, Standards, Taxonomies



### The virtual domain has real-world threats...

- In VR we don't necessarily share the same physical space, but the experience is often equivalent
- Being harassed or bullied in VR deeply impacts a child's psychology
- Some experiences although billed as empathetic, might be triggering for students with PTSD



**Understanding the Roblox abuse incident** 



### ...but it offers new opportunities, too!

XR technologies have the ability to prepare students for **the future of work** where they can learn everything from decision making, resolving conflict, and even traditional classroom subjects such as History and Science.





Panel Discussion Kids Are Already in the Metaverse. How Do We Protect Them?



### Resources & next steps...



## THE XRSI MISSION Help Build Safe and Inclusive Immersive Environments.





### PRIVACY

With constant reality capture, how do we ensure privacy is accounted for?



### SAFETY

What about the VR apps getting hacked? Are third party risks accounted for?



### **IDEN**

In the era of deep fakes and propaganda, how can we be sure of individual identity in VR?



XRSI



### We create the tools educators need to develop critical 21st century skills in students preparing them for a rapidly evolving future.





#### **Kid-Friendly Content**

#### Lesson Plans



## KaiXR

### Kai XR Empowers Educators



Metaverse Makerspaces

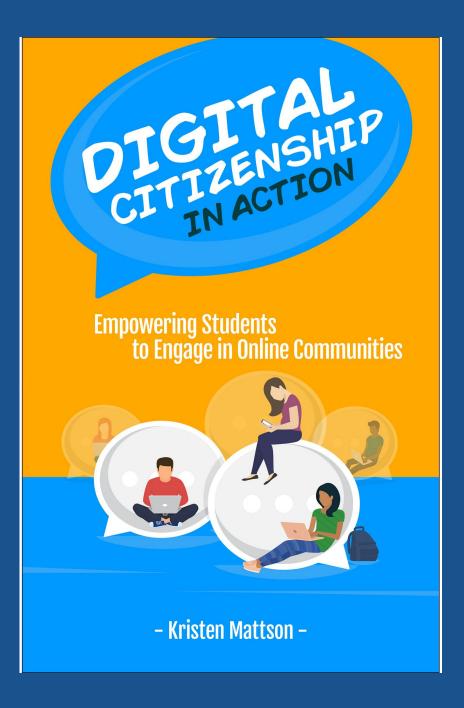


**Professional Development** 





### **Resources from ISTE**







### www.iste.org



### Get Digital: Safety in the Metaverse

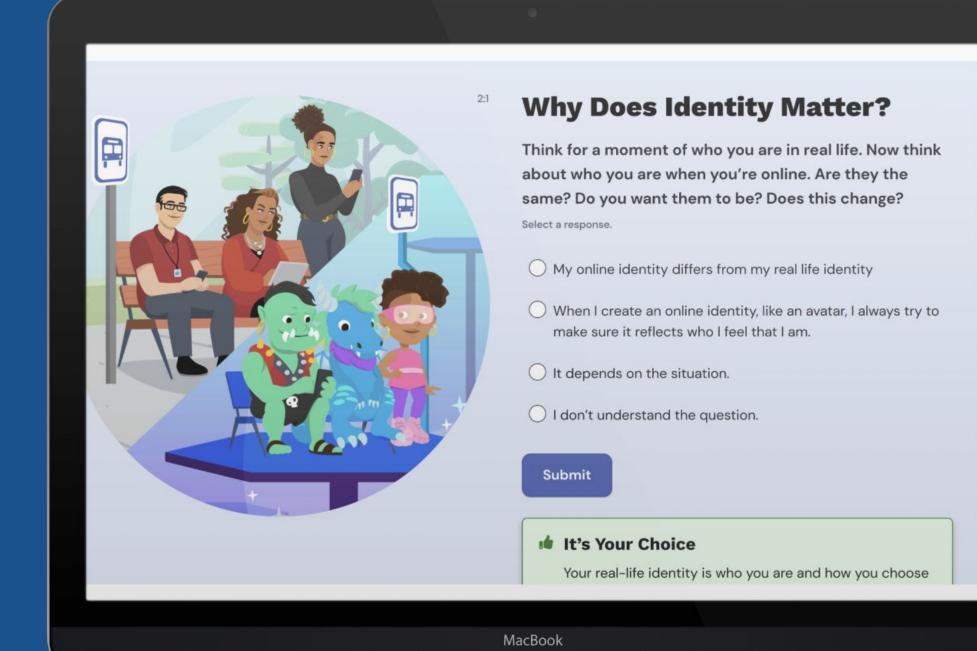
### EVERFI's new course for fall 2022!

- Totally free for K12 educators & students
- Independent & interactive digital lessons, reinforced with offline materials
- Best fit for grades 8-12

### **Topic Areas:**

- Introduction to the Metaverse
- Safely navigating the Metaverse
- Understanding XR, AR and VR

### udents essons, reinforced with offline





## Thank you! Let's go Forward Together!



### #LearnOn2022



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