

TYLER HAHN  
CHEROKEE  
PUBLIC  
LIBRARY

MENU



# CREATING OURSELVES IN THE METAVERSE

START





Come with me and you'll be  
in a world of pure imagination.

# METAVERSE BUZZ WORDS

<https://padlet.com/hahntylerj/metaverse-buzzwords-l5yg3ciofrr4zgqk>

# METAVERSE BUZZ WORDS

## BLOCKCHAIN

*A BLOCKCHAIN IS A NETWORK OF COMPUTERS THAT SHARES A DATABASE.*

*IT'S VERY DIFFICULT TO ALTER A RECORD ONCE IT'S IN THE CHAIN. THE NETWORK CONSTANTLY VERIFIES THAT ALL DATABASE COPIES ARE IDENTICAL.*

## NON-

## FUNGIBLE TOKEN

*AN NFT IS AN INTANGIBLE, DIGITAL ITEM. IT CAN BE AN IMAGE, A VIDEO, OR AN IN-GAME OBJECT. THE BLOCKCHAIN RECORDS NFT OWNERS.*

## DIGITAL TWIN

*DIGITAL TWIN REFERS TO A VIRTUAL REPRESENTATION OF AN OBJECT OR ASPECT OF REAL LIFE*

## MIRROR WORLD

*THE METAVERSE IS BOTH A MIRROR OF REALITY AND A NEW UNIVERSE, ALLOWING THE CREATION OF AN ADVANCED REALITY WITH INNOVATIVE SCENARIOS. EXPERTS CALL THIS DIGITAL COPY OF REALITY THE "MIRROR-WORLD."*

# METAVERSE BY THE NUMBERS

- The COVID-19 pandemic boosted consumer and business interest in the metaverse.
- The global AR, VR, and MR market will roughly reach \$250 billion by 2028.
- Global shipments for AR/VR devices in 2024 will reach 76.7 million.
- By 2032, there will be 1.4 billion mobile AR users worldwide.

# Metaverse Competitive Landscape

Online Game Makers	Design Software Vendors	Social Networking	Gaming, AR & VR Hardware	Live Entertainment
 Roblox	 Unity	 Facebook	 Facebook	Live Nation
 Epic Games	 Epic Games	 Tencent	 Lenovo	Theme Parks
 Microsoft	 Adobe		 HP	Sports Teams
 Activision Blizzard	 Autodesk		 Logitech	
 Take-Two	 Ansys		 Acer	
 Tencent			 Valve	
 NetEase			 Razer	
 Nexon				
 Valve				

# WHAT'S ROBLOX?

Roblox is a global platform where millions of people gather together every day to imagine, create, and share experiences with each other in immersive, user-generated 3D worlds. ... All the online games you see on the platform have been built by members of the Roblox community for members of the Roblox community.

# ROBLOX BY THE #'S

- 58.8 million daily active users as of Q3 2022
- Currently, Roblox has 202 million MAUs.
- Roblox has 9.5 million developers on its platform.
- nearly 80% of Roblox users are under the age of 16

# ROBLOX IN CHEROKEE



- Teach geology and stratigraphy with mining simulator
- layers of rock (or strata)
- Just how realistic is this simulator?
- Can we calculate which strata we are in if I block = I' depth?



# METAHUMANS





MetaHuman Creator: High-Fidelity Digital Humans Made Easy | Unreal Engine



Share



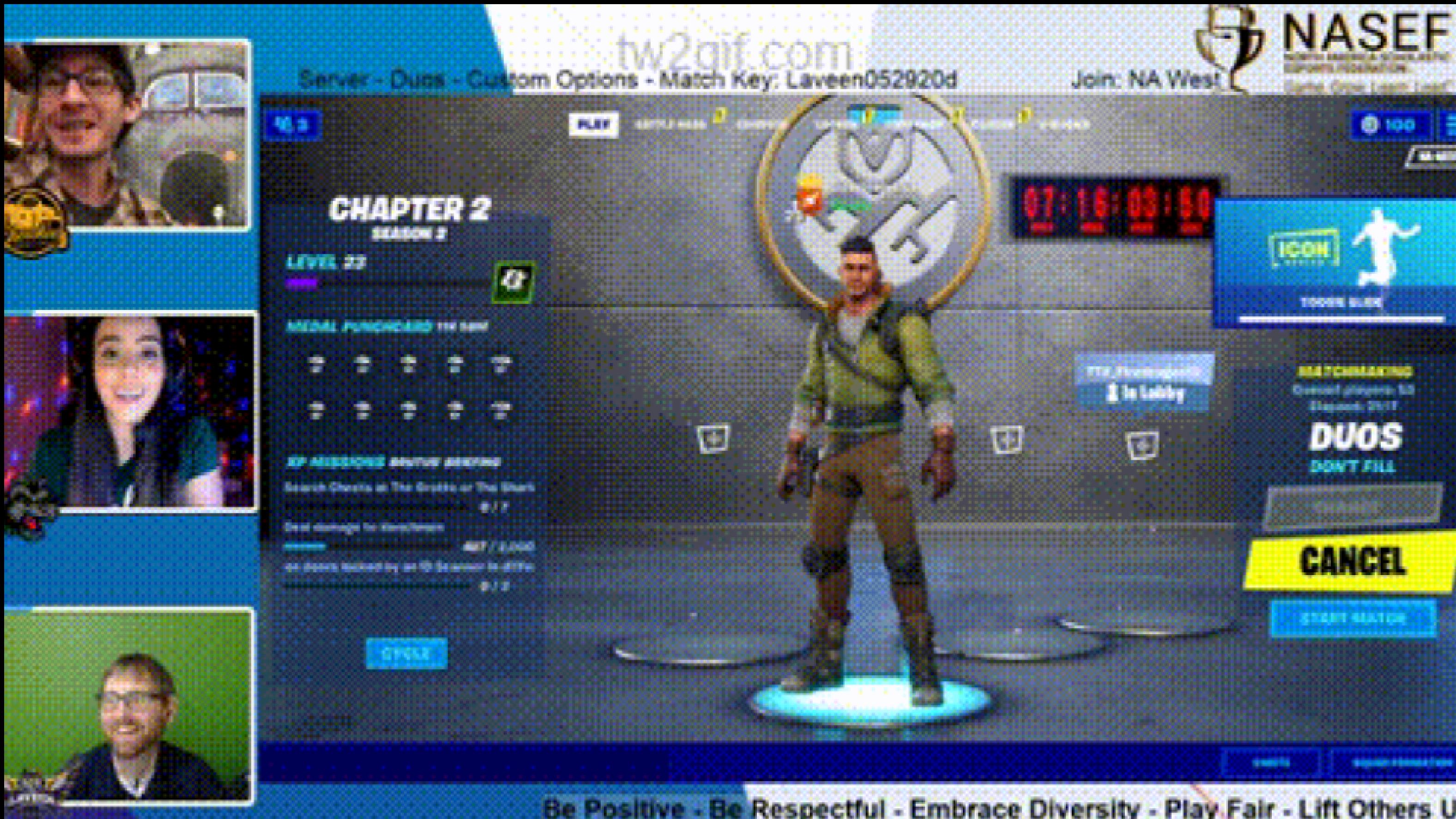
**UNREAL**  
ENGINE

# A SNEAK PEEK AT METAHUMAN CREATOR

Watch on YouTube



# TOGETHER, APART



Be Positive - Be Respectful - Embrace Diversity - Play Fair - Lift Others Up

**HEY LISTEN!**



**TAKE A LIBRARIAN INTO  
THE METAVERSE WITH  
YOU**

# METAVERSE AT THE RETIREMENT HOME



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THANKS  
FOR  
LISTENING!

♥ ♥ ♥ ♥  
GAME OVER

