Immersive Technology in Foreign Language Education: Vision Pro, AR, VR, and AI

Brody Bluemel, PhD
Delaware State University

DSU
It All Matters.

Inspire

Motivate student learning through culturally and linguistically immersive, interactive, and meaningful experiences.

Imagine

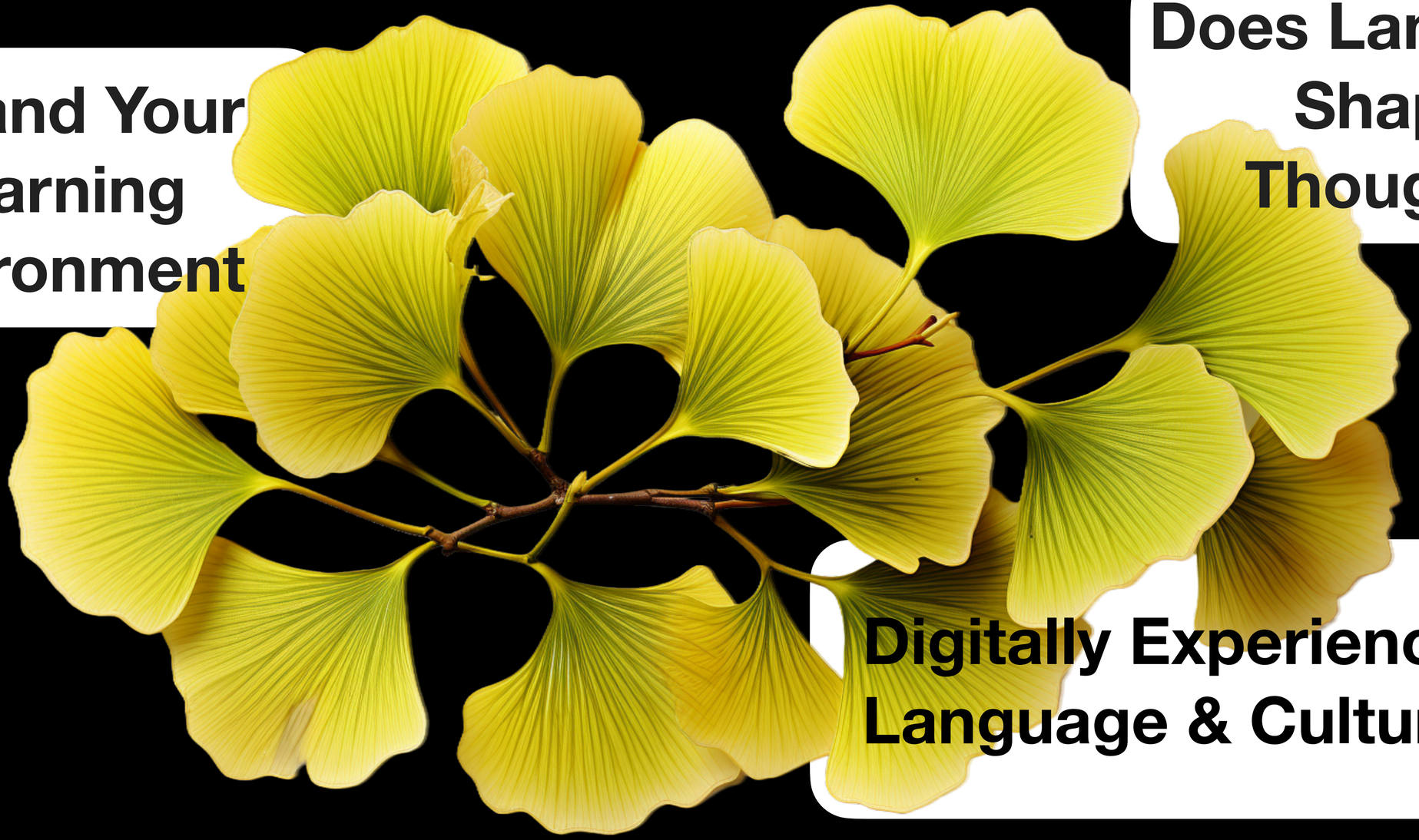
Empower educators and teachers with the resources, guidance, and skills to adapt immersive technology for language learning to create their own learning environments

Impact

Experience the world through a different cultural lens, expanding compassion and questioning

Start the presentation to see live content. For screen share software, share the entire screen. Get help at **pollev.com/app**

Expand Your Learning Environment



Does Language Shape Thought?

Digitally Experience Language & Culture

Expand Your Learning Environment

Does Language Shape Thought?

Digitally Experience Language & Culture

Does Language Shape Thought?

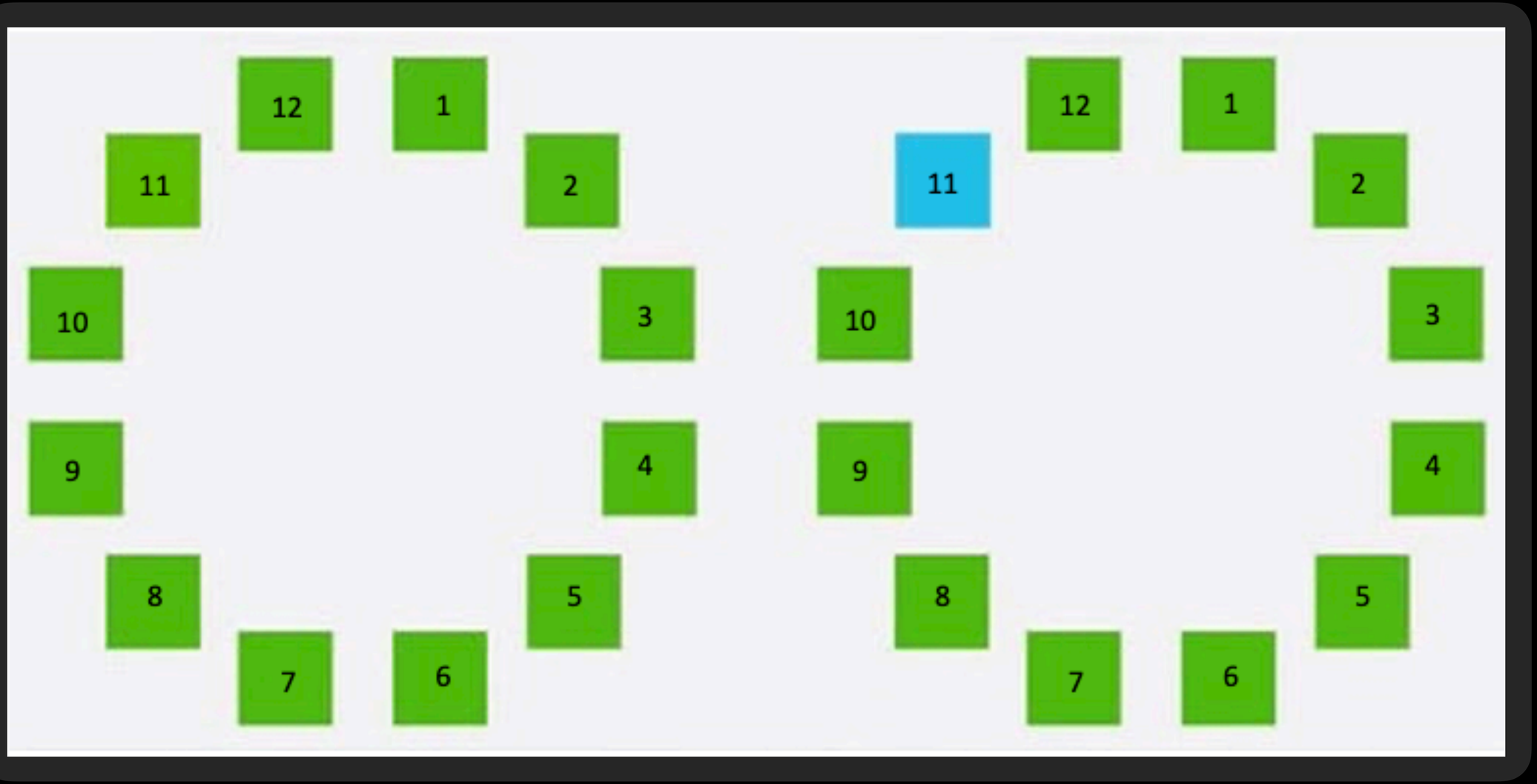
- Direction
- Color
- Vocabulary

Does Language Shape Thought?

Direction

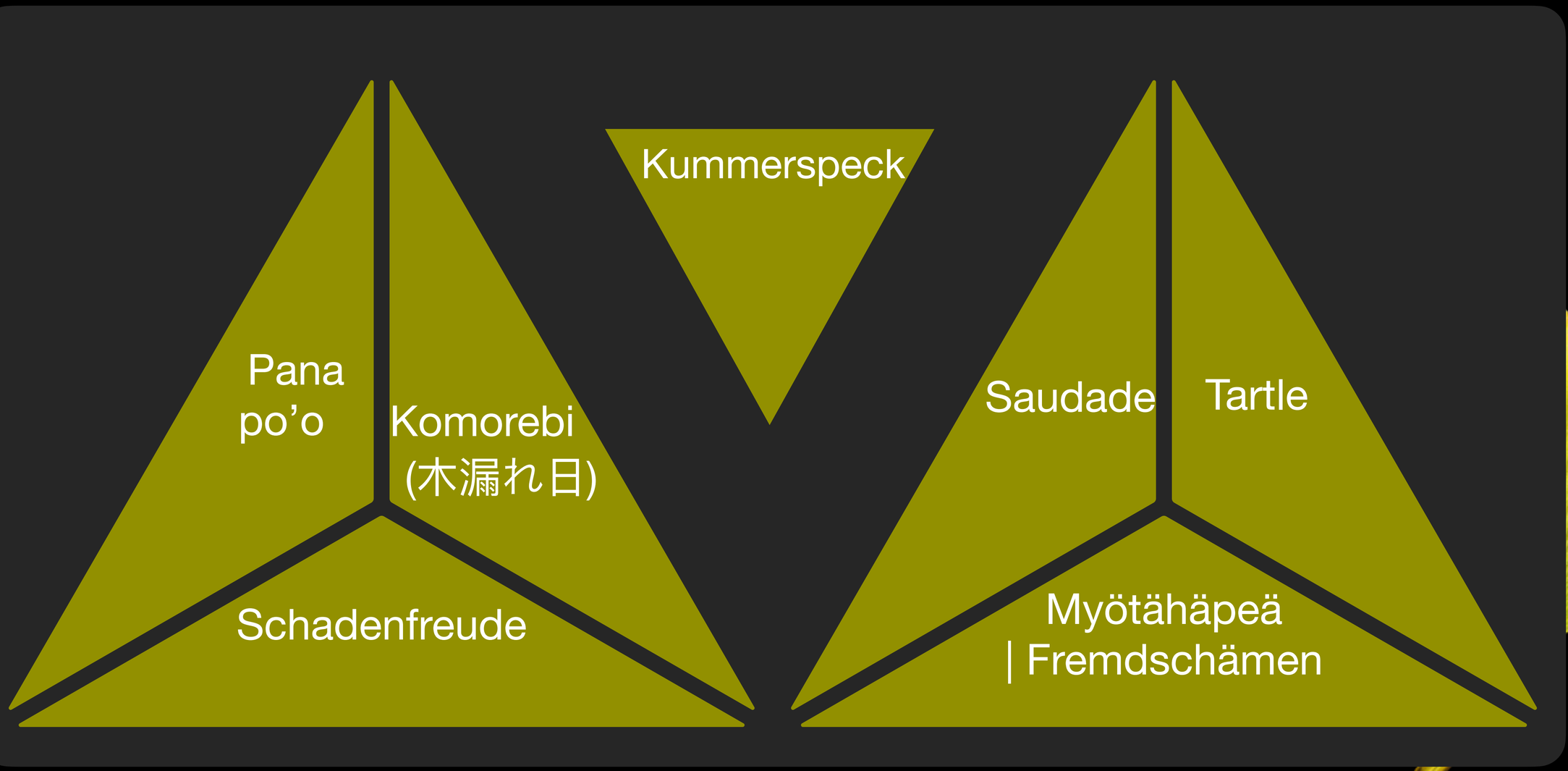
Does Language Shape Thought?

Color



Does Language Shape Thought?

Vocabulary



Does Language Shape Thought?

Direction

The languages you speak require you to pay attention to different aspects of your environment

Color

Words impact how we perceive the world

Vocabulary

Another Language, Another World

Does Language Shape Thought?

Digitally Experience Language & Culture

Digitally Experience Language & Culture

- Immersive Technology
- Spatial Computing
- Artificial Intelligence

Digitally Experience
Language & Culture

Immersive Technology

- *Virtual Reality (VR)*
- *Augmented Reality (AR)*
- *Mixed Reality (MR)*
- *The Metaverse*
- *Spatial Computing*
- *Artificial Intelligence*

Start the presentation to see live content. For screen share software, share the entire screen. Get help at **pollev.com/app**

VR Platforms

	Immerse	ImmersMe	MeTabi
SteamVR	Oculus Quest/ Meta Quest	Unity	Cospaces
Youtube 360	Google Expeditions	Google Streetview	Thinglink
	LinguaVR	ClassVR	Mondly VR

AR Platforms

- LayAR
- Augment
- Blippar
- ClassVR
- Aurasma

(MR) Mixed Reality

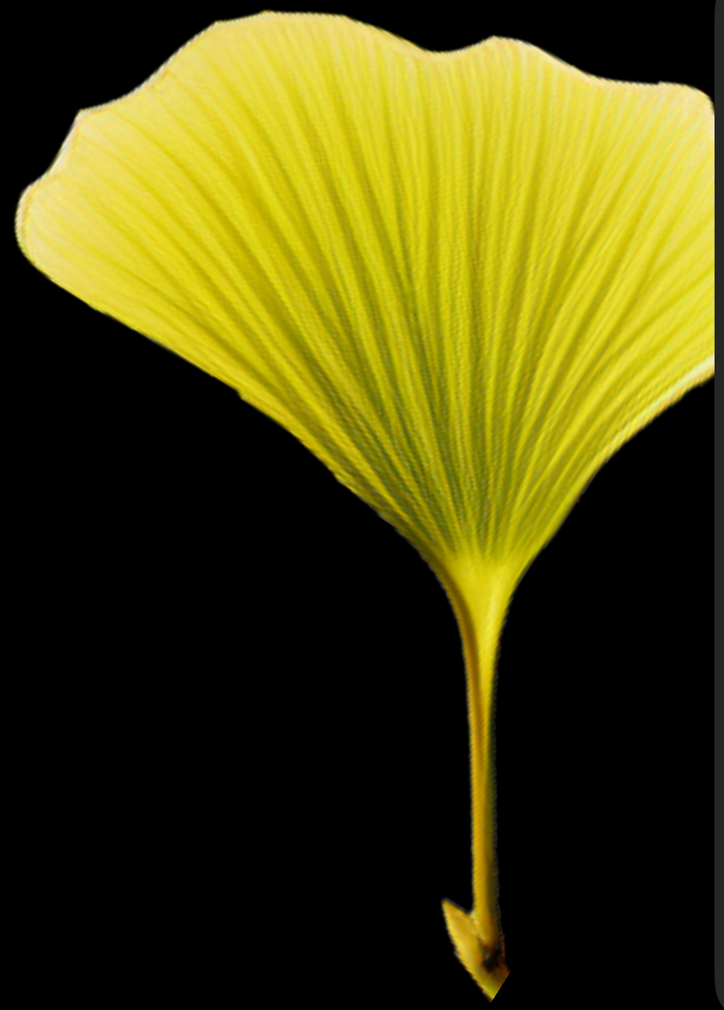
- Magic Leap
- HoloLens

Metaverse Platforms

Roblox	Minecraft	VRChat
Against Gravity	Somnium Space	Horizon Worlds
MetaVRse	Eduverse	Gather Town

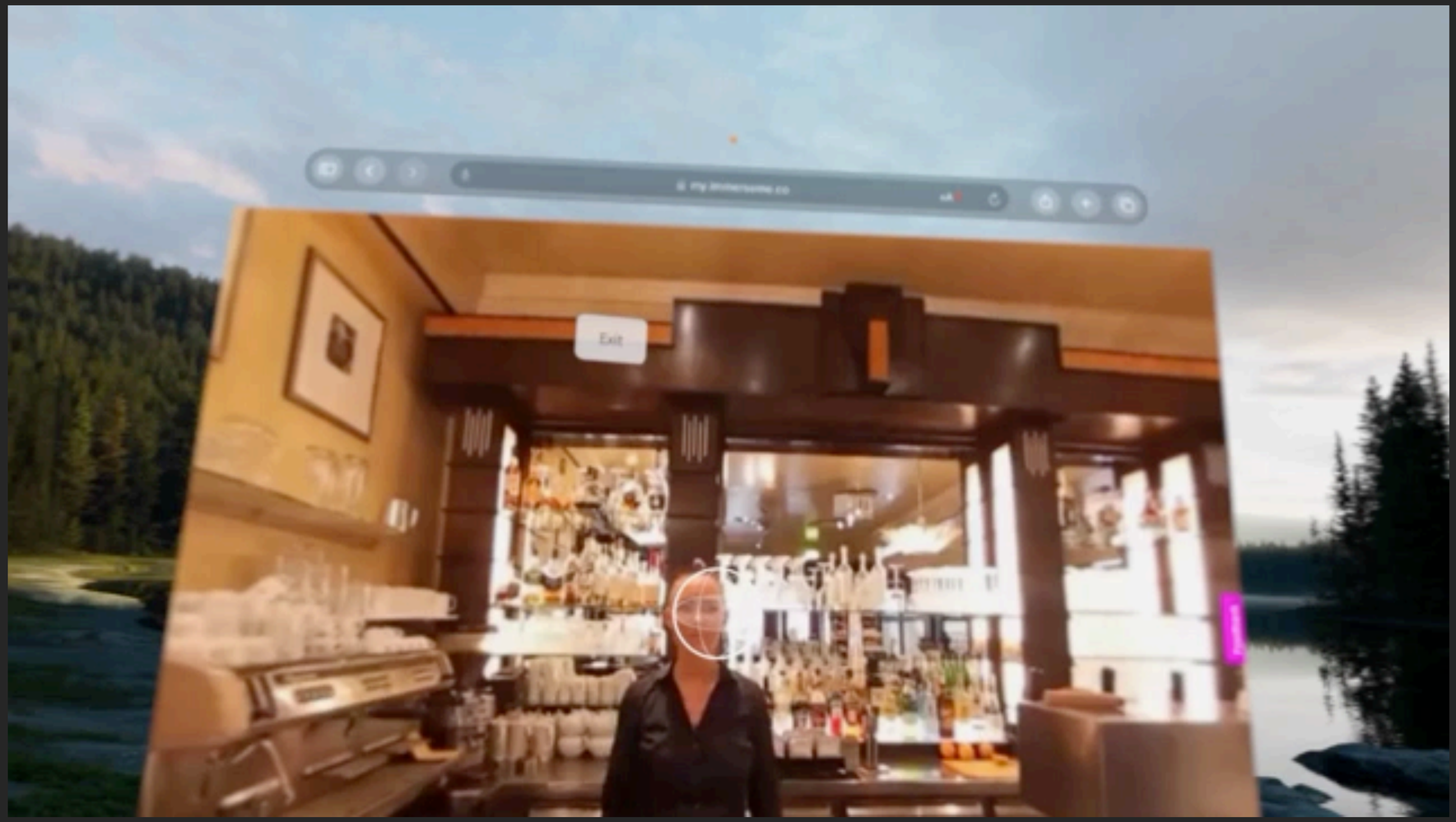
Digitally Experience Language & Culture

VR - MeTabi



Digitally Experience Language & Culture

VR - ImmersMe



Digitally Experience Language & Culture

VR - Mondly

Digitally Experience Language & Culture

Spatial Computing

Digitally Experience Language & Culture

Spatial Computing

Explore AI

ChatGPT	DALL-E	Gemini
Copilot	Poe	Sendsteps
Perplexity.ai	Quillbot	Merlin
Archaic	learnt.ai	character.ai
Luduan	jasper.ai	NotebookLM

Start the presentation to see live content. For screen share software, share the entire screen. Get help at **pollev.com/app**

Digitally Experience Language & Culture

Immersive Technology

Create sensory immersion, interaction, and presence in learning. Interactive, teaching content and using the digital environment to develop soft skills and implicit knowledge.

Spatial Computing

Spatial Computing - Providing an immersive experience as close to the ‘real thing’ as possible.

Artificial Intelligence

Personalize and enhance the digital language and culture learning experience.

Expand Your Learning Environment

Digitally Experience Language & Culture

Expand Your Learning Environment

Brainstorm

Language Expo

Resources

What ideas do you have for implementing immersive / AI technology?

Nobody has responded yet.

Hang tight! Responses are coming in.

Start the presentation to see live content. For screen share software, share the entire screen. Get help at **pollev.com/app**

Expand Your Learning Environment

Language Expo

Expand Your Learning Environment

Resources

https://is.gd/LWurqD

Expand Your Learning Environment

Brainstorm

- Expand a learning experience through digital sensory immersion, interaction, and presence in learning.

Language Expo

- Take your students beyond the classroom, even when you're not able to leave the classroom.

Resources

- Where to start for beginners, how to refine for implementers, and ideas to explore for the experts.

Expand Your Learning Environment

Does Language Shape Thought?

Digitally Experience Language & Culture

Prompt: "Black African doctors providing care for white suffering children"

Ethical Considerations

Drahl, C. (2023, October 6). *Ai was asked to create images of black African docs treating White Kids. how'd it go?* NPR.

https://www.npr.org/sections/goatsandsoda/2023/10/06/1201840678/ai-was-asked-to-create-images-of-black-african-docs-treating-white-kids-howd-it-

DSU
It All Matters.

Brody Bluemel
Chairperson / Professor
Delaware State University

https://is.gd/zkYxdj