



Back to the Jurassic: XR Immersive Experience Inspires Toddlers' Reading

Technology, Reading, Sustainability

XR STORY HOUSE

Experience space

270-degree projection walls and semi-circular floor projection, noise reduction environment

Technology

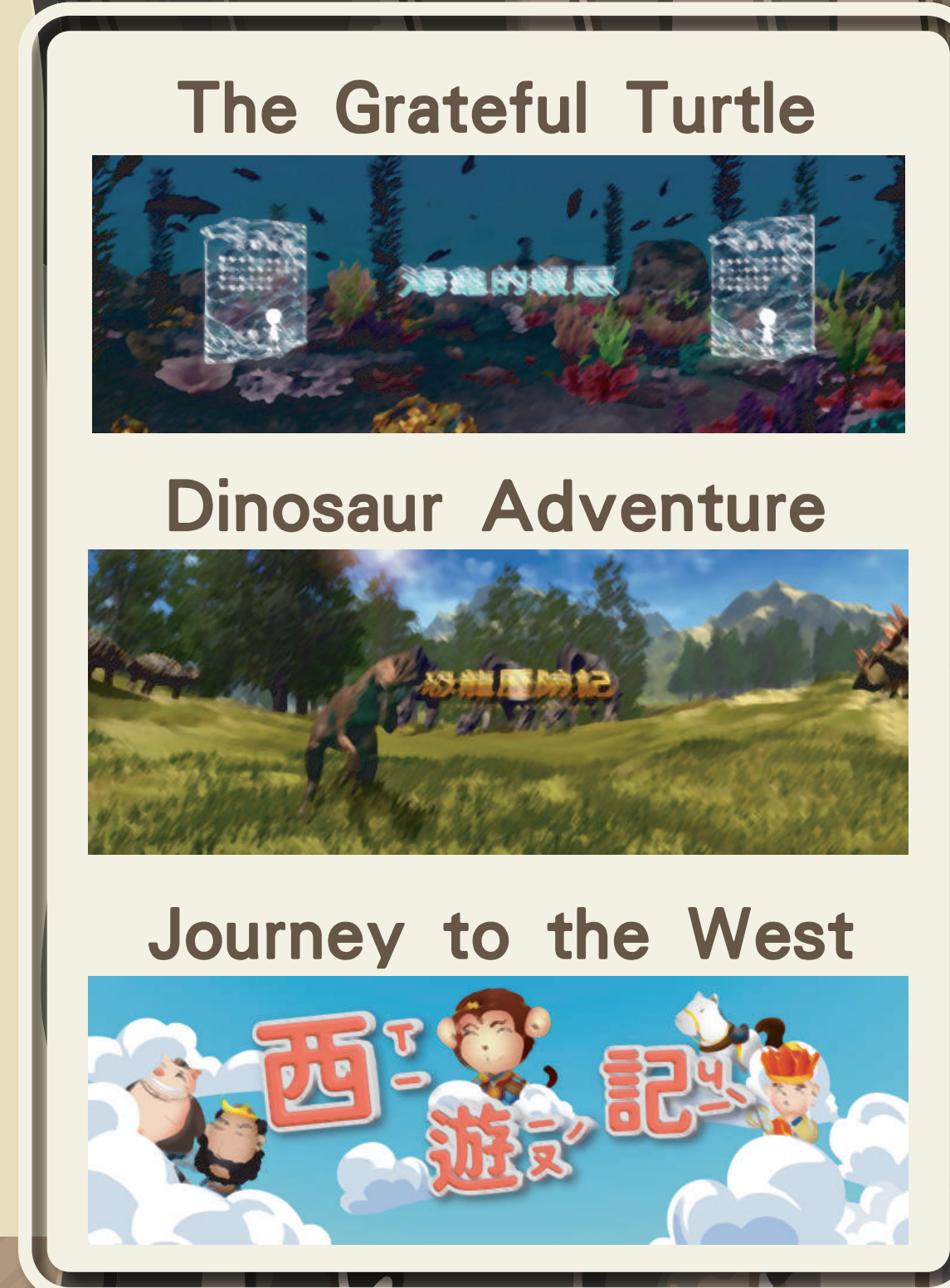
- Extended Reality(XR) immersive experience
- AI body recognition (position detection, motion capture, multi-user simultaneous usage)

Content

- Diverse interactive segments with physical sensations (e.g. walking, waving, spinning, jumping)
- Bilingual voiceovers (Mandarin and Taiwanese)
- Aligned with SDGs
- 10-15 minutes

Opening hours

- 3 times a week
- 20 participants per session



AR Tangram Interactive Game

Solving the tangram puzzles to build the houses of the three little pigs.



Animal Colored Projection

Painting Taiwan's indigenous species and projecting individual artworks onto the ecological area.



AR Interactive Picture Books

Placing the picture book under the camera, the screen will project the picture book and display animations or interactions.

■ Friends of the Solar System

Discover the appearances and unique characteristics of the 8 planets in the solar system. For example, Saturn's rings resemble a ballet skirt, while Uranus lying on its side rotating looks like it's lounging on a couch, enjoying itself.

■ The Caterpillar's Growth Diary

The caterpillar is born. Learn about its favorite foods, grow alongside other insect friends, evade predators, and overcome inner emotional struggles. Only by overcoming these challenges can it transform into the most beautiful butterfly.

■ The Adventures of Little Soldiers Defending against Bacteria

Remember to wash hands before eating, brush teeth before bedtime, and wear a mask if feeling unwell. Emphasizing hygiene habits is essential to becoming a defender in the battle against bacteria.

Opening hours

9 a.m. to half an hour before the library closes



WHY DO WE DO IT ? THE BASICS

■ Origin

- Technology x Reading: Stimulating Imagination of the Future
- Establishing a Children's Wisdom Exploration Lab
- Providing Diverse and Creative Reading Spaces for Families

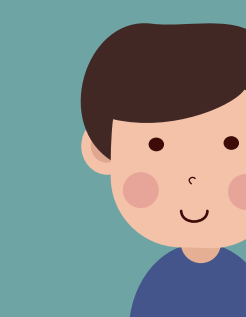
■ Objectives

- Creating a diverse and interactive reading environment
- Integrating technology to create immersive reading experiences
- Offering new choices for parent-child reading sessions



NUMBER OF PARTICIPANTS

XR Story House
4,445 participants
(Mar. 2023- Mar. 2024)



Children can only take one sheet of projection drawing paper per day, so they eagerly anticipate getting different ones next time when they come to the library. We collect the drawing papers and bring them to the library next time for projection.



Dinosaur Adventure is super cool! I want to see it again.

READERS' FEEDBACK



I was really happy when we successfully rescued the turtle, but it was so scary when we were chased by the shark!



It's quite challenging to build a house with tangram pieces. It's a great brain exercise to do with children.