kaleidoscope nursery & pre-school case study

Kaleidoscope
Nursery & Pre-School

FutureVisuals

executive summary



Kaleidoscope Nursery in Sherborne partnered with us to create an innovative immersive learning environment designed to enhance early years learning and development. As our first official nursery project, the installation introduced a fully interactive, 360-degree, multi-sensory space designed to inspire curiosity, creativity, and exploration from birth through to age five.

Committed to providing the highest quality childcare and nurturing each child's individuality, Kaleidoscope Nursery invested in immersive technology to create new opportunities for learning through play. The immersive environment combines visual, audio, and sensory experiences to support children's development while allowing them to explore exciting worlds beyond the traditional classroom.

With access to thousands of immersive scenarios, the space enables children to experience everything from sensory light shows and imaginative adventures to exploring dinosaurs, marine life, and outer space. The immersive classroom provides a unique, adaptable learning resource that encourages discovery, confidence, and engagement at every stage of early years development.

goals & objectives







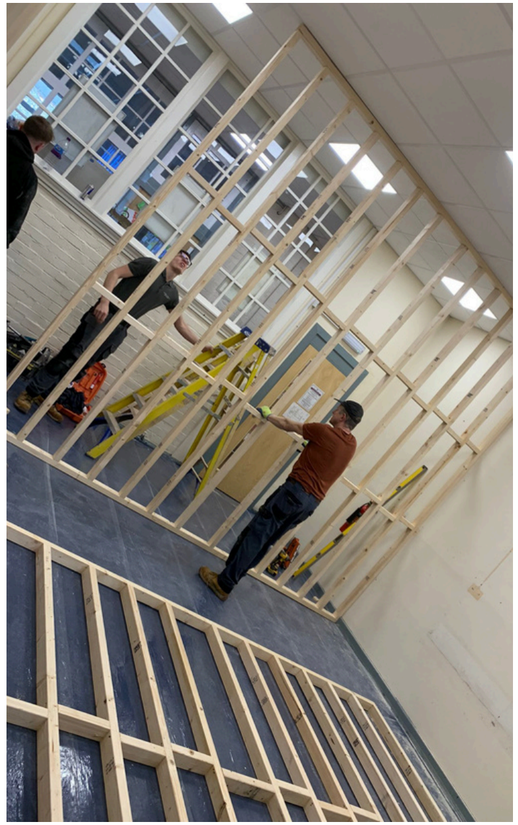
Kaleidoscope Nursery's goal was to create an innovative early years learning environment that would inspire curiosity, encourage exploration, and provide children with unique opportunities to learn through immersive play.
The project objectives included:

- Create a fully immersive early years environment by transforming a dedicated classroom into a 360-degree interactive space that engages children through sight, sound, touch, movement, scent, and sensory effects.
- Support learning through play by providing access to immersive experiences that encourage creativity, problem-solving, communication, and early development skills.
- Enhance sensory engagement through the integration of projection, interactive technology, LED lighting, surround sound, aroma dispensers, and wind effects to bring experiences to life.
- Deliver a flexible learning resource that allows children to explore a wide range of environments, from underwater worlds and outer space to interactive stories and educational activities.
- Empower staff with the tools and knowledge to confidently use the immersive classroom, create their own content, and adapt experiences to suit different learning objectives.
- Provide an environment that grows with children by offering age-appropriate experiences that support development from early sensory exploration through to more structured learning activities.

The overall aim was to provide Kaleidoscope Nursery with a future-focused learning space that makes learning memorable, interactive, and accessible for every child.

definition & scope







PHASE 1

PHASE 2

PHASE 3

Consultation & Design

Consultation with the School to understand their goals, requirements and vision, followed by a bespoke immersive room design.

Installation

Supply, installation and integration of the immersive technology, including projection, audio and interactive systems.

Commissioning & Handover

Testing, optimisation and commissioning of the completed space, ready for staff and pupils to use.

SCOPE INCLUDES

The project scope covered the complete delivery of Kaleidoscope Nursery's immersive classroom, from the initial consultation and design process through to installation, commissioning, staff training, and final handover.

This included the supply and integration of immersive technology, including projection systems, interactive sensors, audio, lighting, aroma, and wind effects, alongside system configuration and content setup. The completed environment was designed to provide a fully operational, multi-sensory learning space that supports early years development, creativity, exploration, and engaging interactive experiences.

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We are the first nursery in the area to install an immersive learning room, and we ’ re really proud to be leading the way. It’ s a groundbreaking space which has brought stories to life for all our children here at Kaleidoscope Nursery. It has sparked curiosity, and turned everyday learning into an extraordinary adventure.

Kaleidoscope Nursery & Pre-School

Transform learning with immersive environments.

Ready for lift off?

Book a demo.

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