

* Education



Epinyay Business & Enterprise School

Case Study

Location

South Shields, UK

Date

June 2024

Project

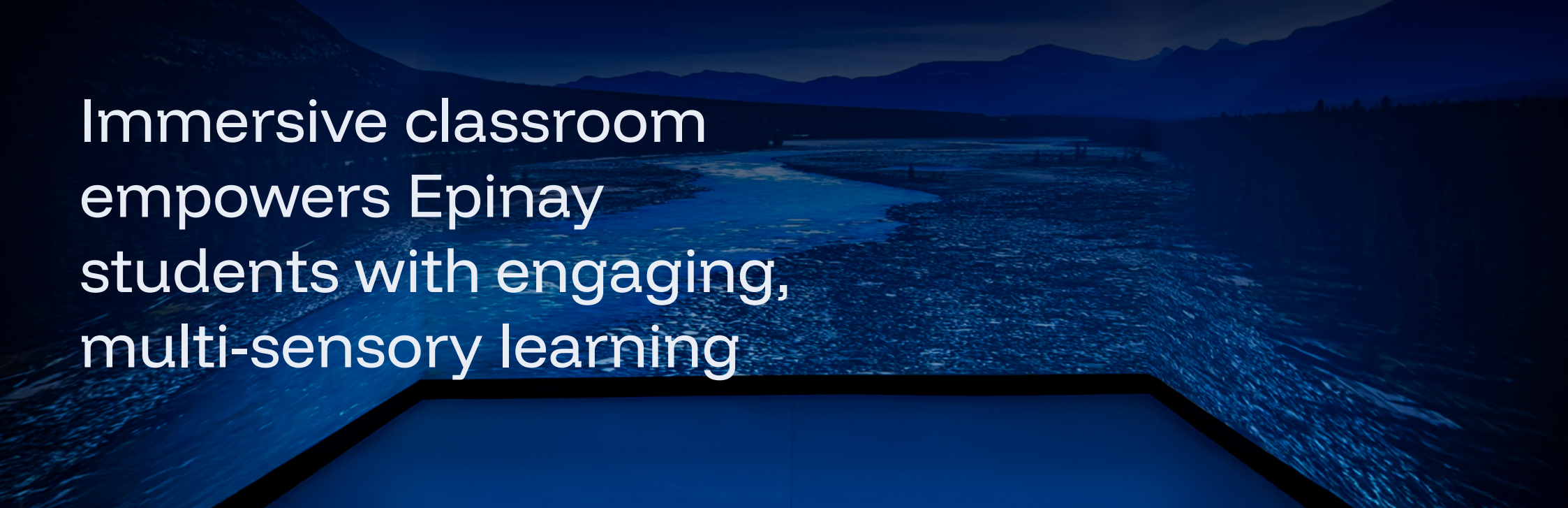
Osborne Technologies'
Aurora immersive classroom
with a Wizefloor interactive
projection system

Product

x1 Immersive classroom
x1 Wizefloor Interactive
projection system



move | play | educate



Immersive classroom empowers Epinay students with engaging, multi-sensory learning

About Epinay Business and Enterprise School

Epinay School provides education for students aged 4–18 with a wide range of special educational needs. Their focus is on fostering a safe, inclusive centre of excellence, preparing students for adulthood.

Seeking to enhance student engagement and emotional regulation, Epinay partnered with Aurora by Osborne Technologies to create a visionary immersive classroom.

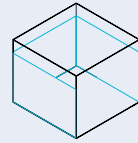
The opportunity

Epinay's Head Teacher, Chris Rue, was inspired by immersive learning spaces during visits to other SEN schools. Recognising the potential benefits for his students, he sought a solution that would not only support emotional regulation but also enrich the curriculum.

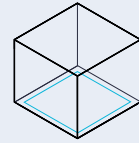
“The hope is that the immersive room, along with our rebound room and sensory provision, supports students with their ASD in terms of regulating their own behaviour. So, when they leave this room and go back to more academic-type lessons, they’re in a better position to learn.”

Chris Rue, Head Teacher at Epinay School

The solution



Three walls of
stitched projection



Wizefloor
interactive floor



Dynamic
lighting



Scent
delivery



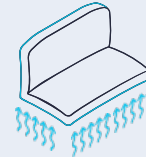
High-fidelity
audio system



Wind
machines



Aurora
Console



Underseat
vibration

After contacting Aurora by Osborne Technologies, he learned about the enhanced possibilities offered by immersive technology. By integrating Wizefloor, an interactive floor projection system, along with environmental effects like scent, wind, and vibration, he could create immersive experiences that would engage and stimulate students in a variety of situations.

The Aurora team transformed an existing classroom into a fully immersive space. The installation included three projection walls, Wizefloor, high-fidelity audio system, scent delivery, wind machines, vibration seating, and LED lighting, creating a dynamic and flexible learning environment. All elements are seamlessly controlled via the Aurora Console, an exclusive tablet-based app, ensuring ease of use for staff. Aurora provided full training and a smooth handover, ensuring confidence in using and maximising the new environment.

The results

“It’s been fabulous working with Aurora, you’ve delivered everything that we asked for. You’ve thought about what will actually work for us and you’ve provided the ideal room for our children.”

Chris Rue, Head Teacher, Epinay School

Epinay’s immersive classroom is transforming learning experiences. Students, particularly those with sensory needs, benefit from a calming, adaptable space tailored to their individual preferences. Staff use the immersive environment to support behaviour regulation, deliver engaging lessons, and create bespoke experiences that bring subjects to life.

“This room will be timetabled every lesson, by different age groups, different subjects, and specialisms, so that it will enrich the curriculum right across the school for all our ages.”

Chris Rue, Head Teacher, Epinay School

Here are just some of the ways teachers are using the immersive classroom to enhance teaching:



Making learning more accessible and engaging

Students with additional learning needs often struggle with grasping complex concepts. The immersive classroom transforms abstract ideas into tangible experiences, helping pupils engage with subjects in a way that feels real and interactive. By moving beyond traditional text and imagery, lessons become more memorable and impactful.



Providing a calming, de-escalation space

For students who experience sensory overload or emotional dysregulation, the immersive classroom offers a controlled and soothing environment. Customisable projection, lighting, scent, and music create a tranquil space where students can self-regulate, reducing stress and improving overall well-being.



Bringing the curriculum to life

The immersive space enriches lessons across subjects by placing students at the heart of the learning experience. Geography lessons can transport students to a rainforest or an erupting volcano, while History and Art are enhanced with virtual tours of digitalised museums and historical sites. This dynamic approach deepens understanding and encourages exploration.



Preparing students for real-world situations

From navigating a bus journey to attending a medical appointment, everyday experiences can be overwhelming for some students. The immersive classroom allows them to practice these scenarios in a safe and controlled setting, building confidence and reducing anxiety before encountering them in real life.



To find out how we can bring your next project to life,
contact us today:

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