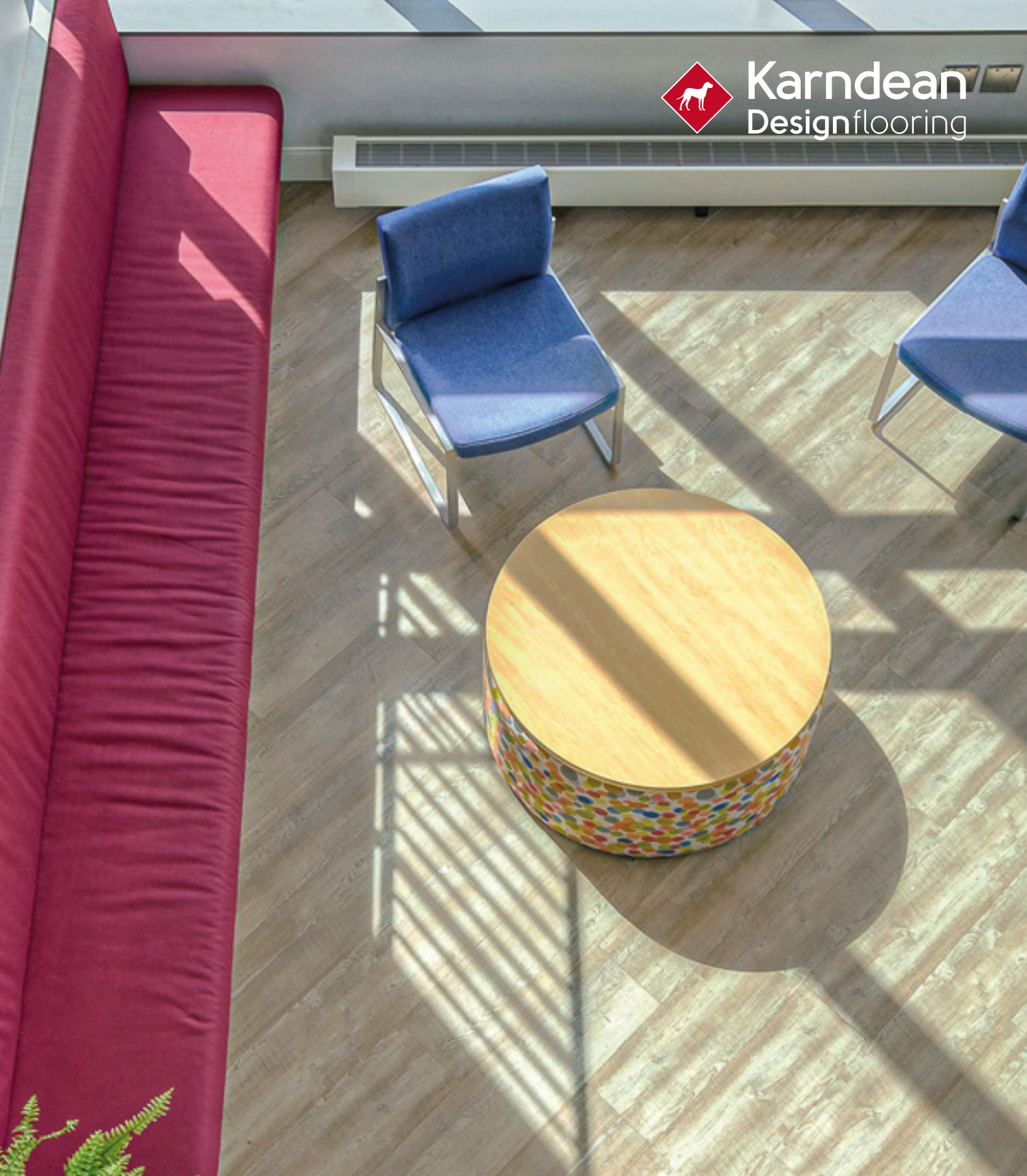




Karndean  
Designflooring



St. Edmund's Academy | Education





# Project Background

Originally established in 1947 as a small school for boys, today St. Edmund's Academy is a private, co-ed day school for preschool through eighth grade located within the city of Pittsburgh.

With a growing student population and commitment to project-based learning, the school initiated a building expansion project, spearheaded by St. Edmund's Director of Finance & Operations Diana McAllister and Director of Advancement Meghan Bollens.

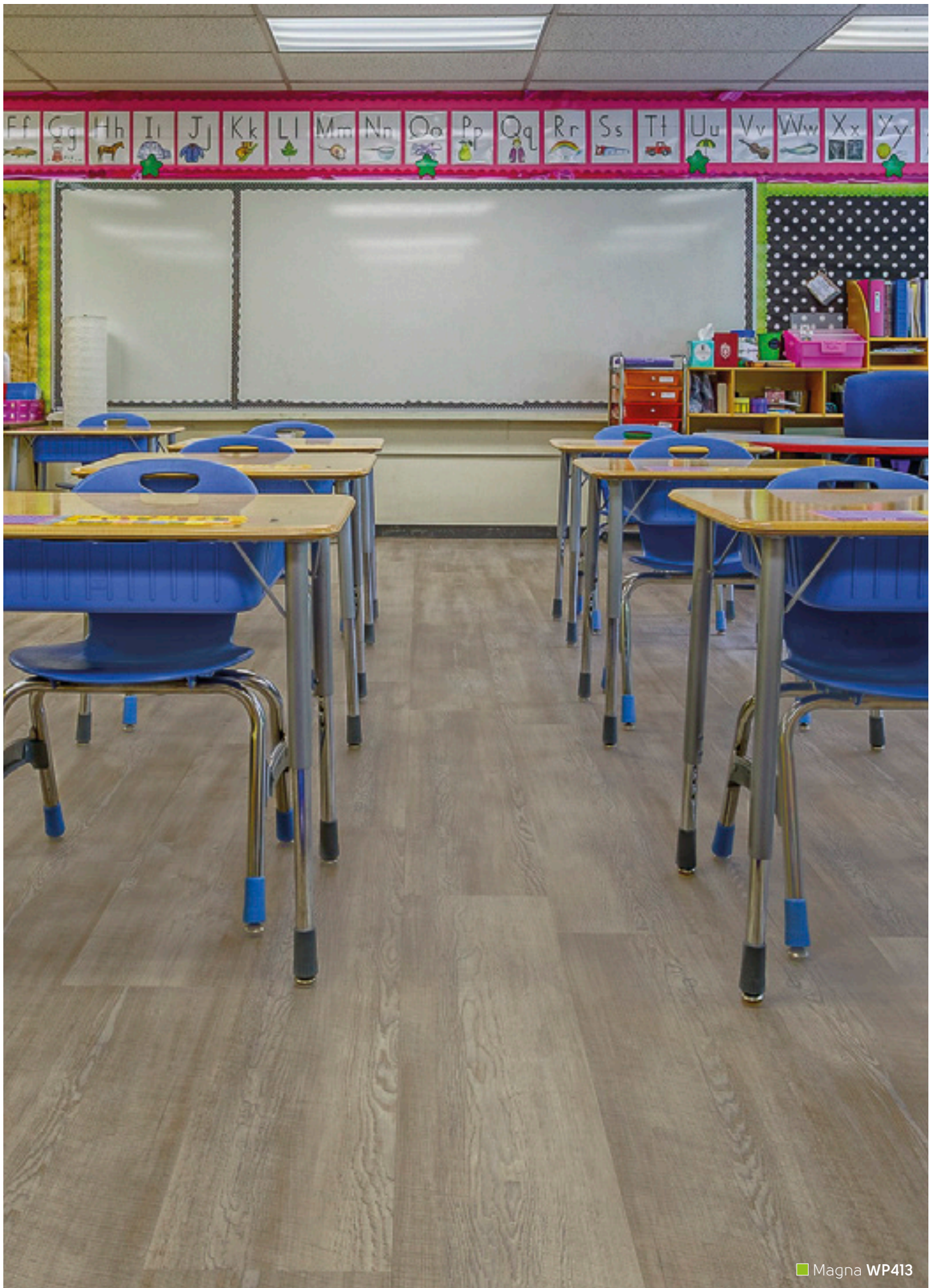
The first phase of the project was the addition of the Center for Integrated Discovery (CID), a space that emphasizes the interconnectedness of children's learning—physical, emotional, intellectual, aesthetic. The CID includes a renovated athletics/physical education space, art and music creative spaces, and the Engineering & Design lab, a project-based learning lab and student lounge space. "As an expansion of our older, historic school building, we wanted these spaces to feel modern and bright, sparking joy and creativity," McAllister said.

In addition to the establishment of the CID, a secondary phase of the project included replacing the flooring in the school's historic building to create continuity from one space to the next and refresh classrooms that were not part of the renovation.

"Our classrooms previously had carpet and the hallways had VCT flooring. For these spaces, brighter more modern colors were a priority to give the space new life."







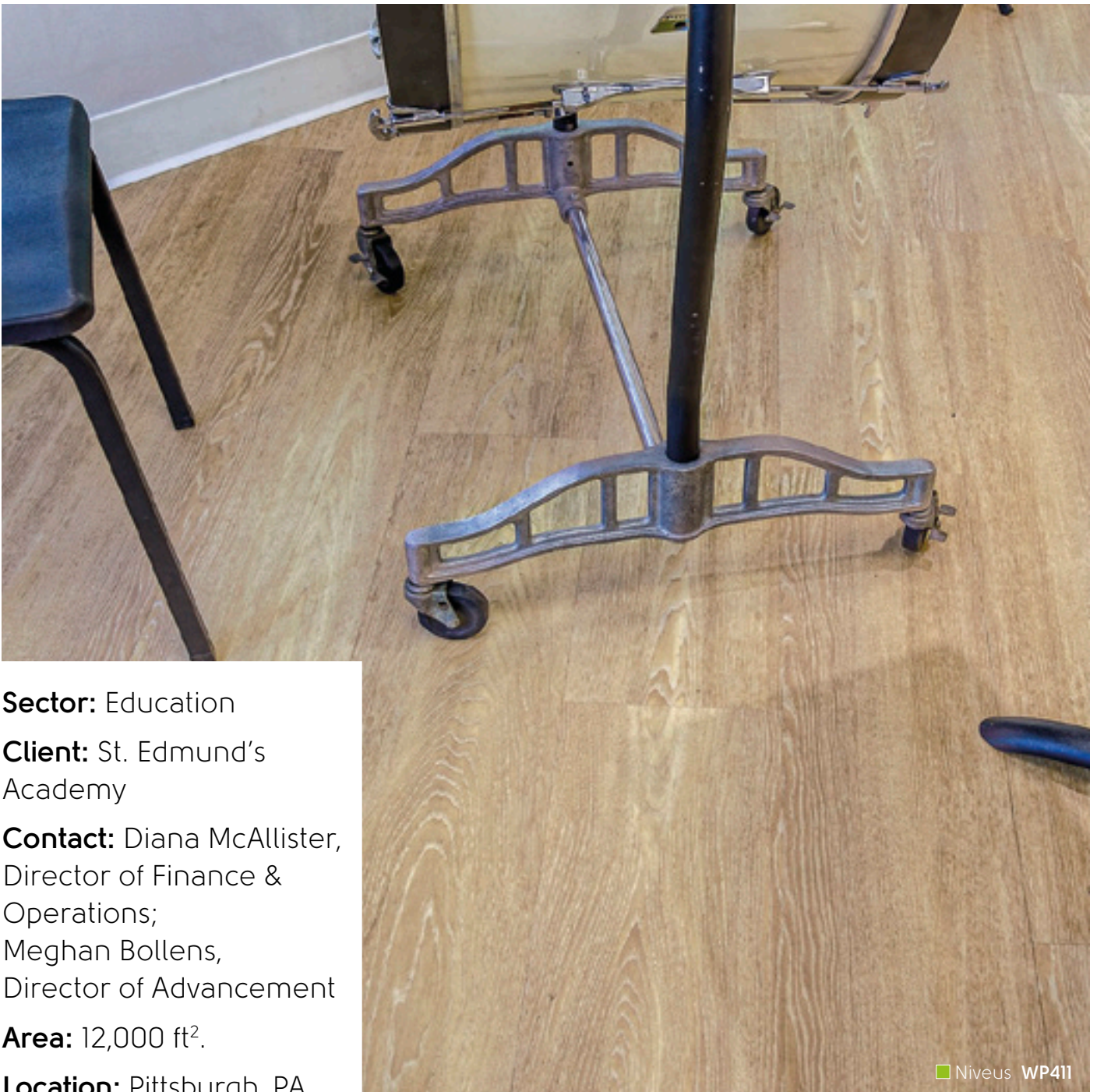


# The Challenge

From a functional standpoint, durability was a key consideration in selecting new flooring due to heavy foot traffic, rolling backpacks and frequently moving desks and chairs.

“Because of the hands-on learning in these spaces, durable flooring that could withstand the wear and tear of students who are constantly moving, collaborating and creating was the main priority,” McAllister noted.

“It was also really important that the floor was easy to clean. With 350 students and adults moving through our school, messes happen.”



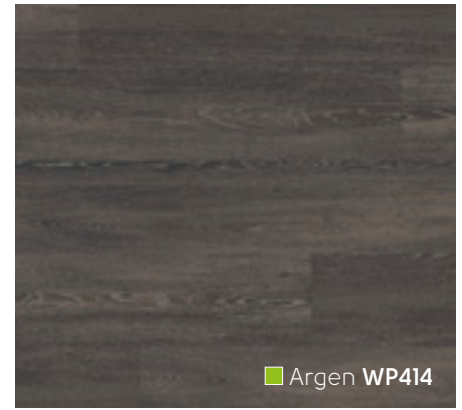
**Sector:** Education

**Client:** St. Edmund's Academy

**Contact:** Diana McAllister,  
Director of Finance &  
Operations;  
Meghan Bollens,  
Director of Advancement

**Area:** 12,000 ft<sup>2</sup>.

**Location:** Pittsburgh, PA



## The Solution

"Karndean offers a quality product. As a nonprofit organization with limited capital resources, we needed a product that would wear well and remain new for an extended period of time," Bollens explained. "Ease in cleaning was also a consideration given our fixed facility resources."

Through collaboration with local interior designers, three colors from the 20mil Opus gluedown product range were selected for the project: Niveus WP411, Magna WP413 and Argen WP414. Each color complemented the school's existing color palette. Niveus has a subtle limed effect and distinctive grain pattern defined by its cooler highlights; Magna has a weathered design in cool mid-brown tones; and charcoal colored Argen is accented with striking silver highlights.



# The Results

With the expansion now completed, McAllister and Bollens have begun to receive positive feedback about the Karndean flooring, especially from teachers and students. According to Bollens, "The teachers who work daily in these spaces are thrilled with the modern aesthetic and cleanliness of the product. They are glad to have moved away from carpeting which they felt collected dust and germs. When our students returned from summer break, they noticed the new floors in their classroom and were so excited. One student remarked: 'My teacher must have been busy this summer! She got new floors!'"

Products used: ■ Niveus **WP411**, Magna **WP413**, Argen **WP414**













Magna WP413



Argen WP414

# Products Specified:

## Opus

	Standard	Result
 Size		48" x 9" (1219.2 mm x 228.6 mm)
 Thickness		2.5 mm
 Wear layer		20 mil (0.50 mm)
Warranty*	Commercial Residential	15 years Lifetime
 Beveled edge		Micro
 Slip resistance**	ASTM D2047	Pass (Dry >0.89)
 Acoustic impact noise reduction	ASTM E2179-09 ASTM E492-09	$\Delta$ IIC = 4 dB IIC = 44 dB (6" Concrete Slab w/Drop Ceiling) IIC = 71 dB (6" slab w/drop ceiling+QuietChoice)

\* Subject to terms.

\*\* Slip resistance is measured on freestanding ex-factory product. Slip resistance can be affected by many factors including but not limited to: product installation and underlayment, surface contamination, use, wear and how the product is maintained. Textural variation along the surface of the product can affect nominal values.



Argen WP414

## Technical Information

To view the full technical specification for each of our product ranges visit our website:

[karndean.com/commercialtechdata](http://karndean.com/commercialtechdata)





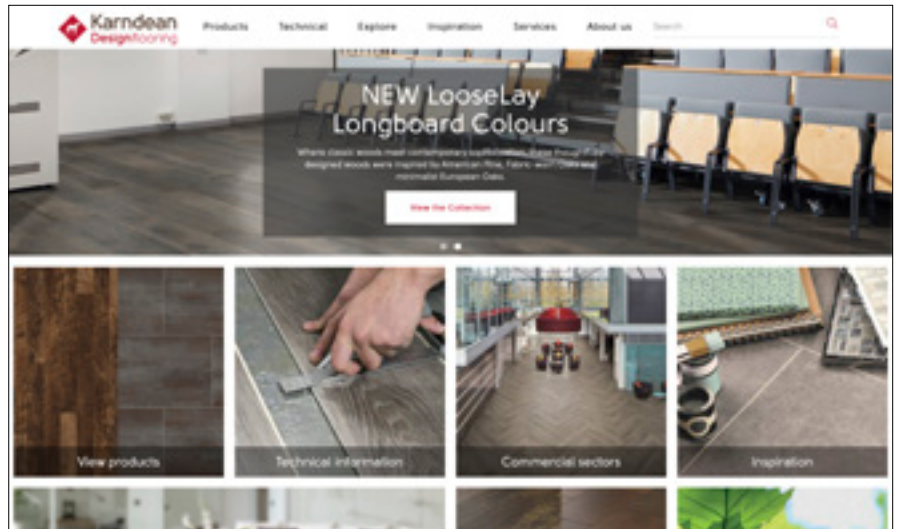
# Feeling inspired?

We have a variety of tools available to help you achieve the look you desire for your project:

## Commercial website

Our dedicated commercial website is the best resource to finding more information about our products, installation instructions and commercial services available to you.

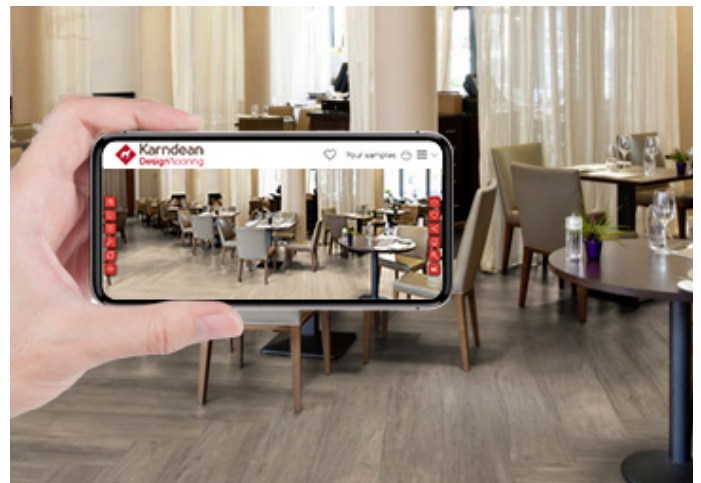
[karndean.com/commercial](http://karndean.com/commercial)



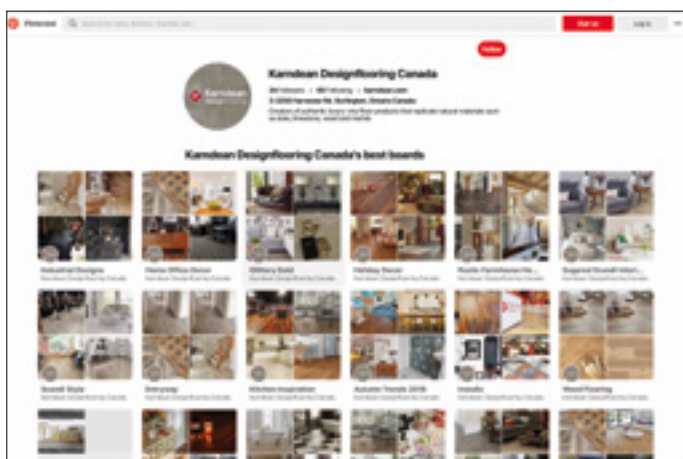
## Commercial floorstyle

Check out our interactive room viewer, Floorstyle. Play around with different floor designs, laying patterns and design features using either our examples of typical commercial settings or upload a photo of a project you're currently working on to choose a floor to suit.

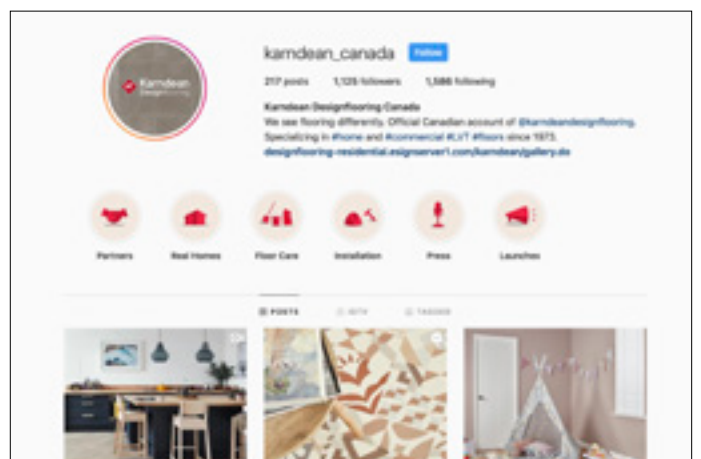
[karndean.com/commercialfloorstyle](http://karndean.com/commercialfloorstyle)



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