



one step at a time

BUILDING HER BRIGHT FUTURE

Join us on a journey through iCAST and discover its impact at every stage of the student experience.

iCAST JOURNEY

extraordinary

of the student experience, iCAST will foster collaboration, activity and a commitment to developing real-world, hands-on skills in STEM spectrum. And while the examples below provide a glimpse of what can expect, iCAST is a sandbox for students to design and define their own paths, using all that it offers to launch them into their next steps as leaders and innovators in a rapidly changing world.

NOODLE HQ & PITCH SPACE

iCAST will serve as a dedicated headquarters for the rapidly growing business incubator space. It will be a hub for innovation and incubation for collaboration where Junior, Middle and Senior School students can exchange and nurture innovative business ideas. They will have access to professional mentors, resources and support to turn these ideas in the Pitch Space, which will also host presentations, showcases and guest speakers, debates competitions and the Model UN.

AI/AR/VR SPACE

JUNIOR MEDIA and Senior students will continue harnessing the power of augmented reality (AR), using it to analyze complex data and deepen scientific understanding. **AI** will enhance learning and in-demand skills development with AI-powered tools that will allow students to create AI experiences and even interactive math. With virtual reality (VR) tools, students in Grade 9 to 12 will create 360-degree tours, virtual battles, mock-ups of buildings and cities, and innovative project presentations.

FABRICATION & ROBOTICS SPACES

Students interested in building and creating will gain experience with materials like timber, foam, plastics and soft metals, using hand and power tools to construct functional objects. Those interested in robotics will design and fabricate custom robots for high-level competition. Depending on the topic, **Robotics** students can put their skills to work in the **Robotics** and **Robotics Programming** Exhibition (PYROX) projects. At the same time, **AJ** students can experiment with new art forms as they create beautiful sculptures and models.

MEDIA STUDIO

Equipped with a complete media studio and the latest equipment, students will learn how to produce video, podcasts, produce radio shows, record live music and more. **Media** students will learn how to screen technology and create Foley sound effects. Junior students could record audiobooks, while **Media** and Senior students will learn how to create graphics, design animations and backdrops for theatre productions.

STUDIO THEATRE

Students from JK to Grade 12 will use this space in many different ways. They will stage immersive performances using their imagination and the power of light and sound effects from the **Media Studio** for dramatic performances, and experience interactive, multi-sensory environments. **Media** and Senior students will learn how to use the powerful lighting in production as a 2,500-seat foot-theatre. **Theatre** students will learn how to supplement classroom learning about reflection, refraction and light waves in the pitch black of the theatre.

Please turn over...

APPEAL!

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