

Animation

Harness stop-motion, digital and 3D animation technologies to bring inanimate objects to life. Tell your own story while exploring ideas of movement, expression and storytelling.

Coding

Explore the basic concepts of coding using visual programming platforms. Once you've mastered the basics, come up with your own creative application of your learning. You'll be able to keep working on your project from home – giving you time to perfect it and show the fam how it's done!

Electronic Engineering

Spark an interest in electronics by learning the basics of electricity and circuit design, complemented by some fun hands-on challenges. Practice problem-finding, problem-solving and collaboration along the way, while developing an understanding of renewable energy sources.

Film & Photo

Master the art of storytelling using visual media. Conquer key filming concepts such as directing, filming, framing, composition and editing, and one day you'll be giving Peter Jackson a run for his money. Please note: students may not come home with a complete film. We will upload all films to a private viewing channel so parents can view them at their leisure.

Robotics

Program a robot, then watch it make its own decisions and carry out tasks without any input – besides your own critical thinking. Work through design challenges to perfect your creation, and learn how crucial robotic design is in the real world with fun, collaborative games.

Science & Engineering

Explore concepts such as forces, pressure chemical change, conservation, human physiology and biomechanics to get ahead in an increasingly science-driven world. Get stuck in with hands-on challenges and exciting games that will stretch your scientific knowledge and wow you along the way. The perfect course for all aspiring Einsteins.

3D Design

Create your own 3D design or product using advanced technology that already plays a huge part in our world. Learn the basic skills required to put 3D design to use in the television, film or computer game industry!

World Wide Web

The World Wide Web connects us to people, facts and fun from all over the world. We'll show you how to design your own content on the web, whether it's a website for your favourite band, a blog about the best online games or a platform for hosting your ultimate cat

videos. We'll learn how to create the perfect experience for internet users who are lucky enough to find your content online.

Graphic Design

Using digital tools, photography and typography, we'll use art for problem-solving, becoming graphic designers as we go! Our soon-to-be-pro artists will experience the process of seeing projects through from concept to reality. Whether it's their own logo, a movie poster, or an illustration for their favourite book, Graphic Design is sure to get those creative cogs turning.