Genius Hour Projects

Below is an example of a scaffolded Genius Hour Project based on learning pathways and a chosen course. The student learning in each course leads to the creation of an artifact that can be shared with peers and added to a digital portfolio. This example offers content and guidance through the use of Individual STEM Kits from PCS Edventures. Genius Hour Projects can be modified and adjusted to fit your specific learning objectives and student needs.

Select a Learning Pathway that Interests You:			
Learning Pathways	Media Production	Engineering Design	Robotics
STEAM Careers Explored	Producer, director, drone pilot, filmmaker, photographer	Architect, Aerospace Engineer, Mechanical Engineer, Civil Engineer	Robotics Engineer, Robotics Technician, Software Engineer, Programmer
Choose ONE Program Within Your Chosen Learning Pathway:			
Pathway Courses	**Discover Digital Video** Dive into digital documentaries, historical recreations and original films.	**BrickLAB Zoology** Explore adaptations, biological innovations and animal similarities.	**Discover Cubelets** Investigate programming and engineering design with small block robots.
	Discover Mini Drones From UAV basics to advanced coding, take to the skies with a mini drone.	**EiQ Build Kit** Build helicopters, carousels and more with this structural engineering builders kit.	**RiQ Build Kit** Dabble in robotic programming while learning to build your own RiQ Robot!
Artifacts Produced from Learning:			
Artifacts	Create a video project	Designed objects of choice	Robotic Build