

ENGLISH + STEM

	THURSDAY	FRIDAY	MONDAY
Week 1: Explore & Experiment	STEM Explorers: What is STEM? Kick off your STEM adventure with hands-on teamwork and creative challenges! Students will work together to design, build, and test simple inventions while exploring how science, technology, engineering, and maths connect to solve real-world problems. This session builds curiosity, confidence, and collaboration from day one.	Code Creators Learn to think like a computer and code your own digital creation! Using our fun, accessible platform micro:bit, students will experiment with sequences, loops, and logic to bring animations or mini-games to life. Along the way, they'll see how coding fuels innovation across the modern world.	Robots in Action Take your coding skills off the screen and into the real world! Students will design, build, and program a robot to complete exciting missions, testing their teamwork and problem-solving skills along the way. This session blends creativity and technology, showing how robots are shaping the future of engineering.
Week 2: Application & Practical Skills	Engineering the Future Step into the shoes of an engineer and tackle a real design challenge! Using everyday materials, students will design and test structures or vehicles powered by wind, gravity, or imagination. They'll learn how to plan, test, and improve their ideas while discovering the importance of innovation and sustainability.	The Science of Life Become a scientist for the day on a discovery trip to the Natural History Museum! Students will explore fossils, evolution, and adaptation through hands-on observation and inquiry-based tasks inspired by Charles Darwin. They'll uncover how scientific evidence helps us understand the incredible diversity of life on Earth.	STEM Futures: Reflection & Innovation Showcase Celebrate creativity and discovery in our final showcase session! Students will present their own mini STEM innovation projects, share what they've learned, and reflect on how their curiosity and collaboration have grown. It's a chance to look back on two weeks of discovery — and forward to a future shaped by science and imagination.