SKYSCRAPERS- BUILD IT! TEST IT! MAKE IT TALLER!

Ever wonder how skyscrapers reach hundreds of stories into the sky without tipping over? In Skyscrapers, you'll become an architect and engineer and discover the amazing science behind the world's tallest buildings!

Get ready to design, build, test, and redesign your own skyscrapers while exploring how engineers turn bold ideas into towering structures. From the ancient pyramids of Egypt to the record-breaking Burj Khalifa in Dubai, we'll journey through the history of tall buildings and uncover the technology that made today's mega-towers possible.

What will we explore?

- Build like an engineer! Discover different structural systems and create hands-on models in every class.
- Design for the real world. Explore how technology and innovative engineering have allowed buildings to reach incredible heights.
- Can your tower survive? Investigate the powerful forces of wind and earthquakes and discover why skyscrapers sway—and how engineers keep them stable.
- Take inspiration from NYC! Explore the iconic New York City skyline and design, build, and test your own record-breaking tower.

Bring your imagination, creativity, and curiosity—then get ready to build UP!





