TRANSPORTATION TECHNOLOGIES
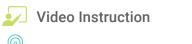## Course Outline

POINTFUL EDUCATION

›› Course Overview

This course introduces students to the newest and most cutting-edge futuristic transportation technologies out there. Students gain familiarity with the history of transportation development and understand a framework with which to evaluate new transportation modes. Then the course dives into 10 different technologies on the horizon. Students examine the technologies, the pros and cons of each mode, and explore potential career paths in these emerging fields.

›› Course Outline by Module

Module 1	Introduction to the Future of Transportation
Module 2	Flying Cars
Module 3	Driverless Car Technology
Module 4	Driverless Cars in Society
Module 5	Drones
Module 6	Hyperloop
Module 7	Jetpacks
Module 8	Supersonic Jets
Module 9	Personal Rapid Transit
Module 10	Supercavitation
Module 11	Space Travel
Module 12	Interstellar Travel

›› Course Elements

- Video Instruction
- Interactives
- Reading
- Projects
- Reflections
- Concept Checks
- Quizzes and Exams
- Written Assignments

▶ Course Preview Video

›› Instructional Components

Pointful Education Courses are structured in a consistent, research-based format utilizing multiple pedagogical concepts such as Understanding by Design, Growth Mindset, and Video and Project-based learning. Through the use of these pedagogical concepts, Pointful Education maintains a consistent and engaging course structure that supports student-centered learning.

›› Course Materials

None Required.