

» 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 Preview Video:** <https://www.pointfuleducation.com/transportation-preview-video>

» Course Outline by Module

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

» 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 Structure



Instruction
49%



Projects
7%



Reflections
17%



Concept Checks
13%



Exams
7%



Written Assignments
7%