

Manheim Central School District

Year-at-a-Glance Curriculum Overview

Department: Technology Education

Course: Transportation Systems

Grade Level: 9-12

Units of Study	Key Concepts	Driving Question	Length of Time	Standards Addressed
Introduction to Transportation Systems	Evolution of transportation technologies.	How have transportation systems evolved over time into what we use today?	5 days	3.5.9-12.A 3.5.9-12.B 3.5.9-12.C 3.5.9-12.D 3.5.9-12.F 3.5.9-12.H 3.5.9-12.I 3.5.9-12.K 3.5.9-12.L 3.5.9-12.N 3.5.9-12.O 3.5.9-12.P 3.5.9-12.Q 3.5.9-12.S 3.5.9-12.T 3.5.9-12.U 3.5.9-12.W 3.5.9-12.X 3.5.9-12.Z 3.5.9-12.FF 3.5.9-12.GG 3.5.9-12.KK
Land Transportation Systems	History and evolution of land transportation systems. Industry standards. Future scope.	How does society use land transportation for a variety of uses and processes? How do these systems operate?	10 days	
Water Transportation Systems	History and evolution of land transportation systems. Industry standards. Future scope.	How does society use water transportation for a variety of uses and processes? How do these systems operate?	10 days	
Air Transportation Systems	History and evolution of land transportation systems. Industry standards. Future scope.	How does society use air transportation for a variety of uses and processes? How do these systems operate?	10 days	
Space Transportation Systems	History and evolution of land transportation systems. Industry standards. Future scope.	How does society use space transportation for a variety of uses and processes? How do these systems operate?	10 days	

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Difference Maker Course Connections:

Innovator - Creating original designs with Adobe Suite.

Critical Thinker - Overcoming obstacles and design constraints to solve problems.

Reflective Learner - Reflections built into activities.