

COURSE GUIDELINES

Course Title: Transportation (*Ind-ARTS*)
Grade Level(s) Length Day Min. Period
 8 45 85

Course Description:

Exploring Transportation is designed for use in a first course in transportation. The content focuses on the study of technologies involved in relocating people or goods.

Relationship to 53 Student Learning Outcomes:

<u>Communications</u> C1,2,3,4,5,6,7	<u>Citizen</u> C3, C6, 7,8	<u>Environment & Ecology</u> E/E 2,4
<u>Math</u> M1,2,3,4,5,6	<u>Wellness & Fitness</u> 1,4,6	<u>Career Education</u> CE & W 1,2,3
<u>Science & Technology</u> S.T. 1,3,4,5,6,7,8		

Course content by units and estimated time per unit:

Energy and Power Systems	Space Transportation Systems
Land Transportation Systems	Propulsion of a Vehicle
Water Transportation Systems	Guidance and Control of a Vehicle
Air Transportation systems	Transportation and the Future

Instructional Materials:

Exploring Transportation, Stephen Johnson & Patricia Farrah-Hunter
Goodheart-Wilcox, 1993

Procedures for Evaluation and Grade Determination:

- Activity Evaluations - Level of Performance
- Objective Test
- Participation

completed 5/12/96

APPROVED

*Approved 6/12/96
Board Meeting*