

GETTING TO SCHOOL – IN THE FUTURE
For students in 2nd grade

OVERVIEW:

Students predict the future of transportation and become inventors. They describe their inventions through drawing and writing.

OBJECTIVES:

- Social Studies 8.01 - Identify uses of technology in communities.
- Social Studies 8.02 - Explain how technology has affected the world in which we live.
- Visual Arts 2.05 Depict self and others in a variety of real and imaginary situations.
- Computer Skills 2.02 - Use prepared electronic database as a class/group activity to conduct keyword search/filters to meet information needs.
- English Language Arts 4.02 - Compose sentences with correct subject and verb agreement for regular verbs in the present tense.
- English Language Arts 4.03 - Apply rules of spelling conventions independently in own writing.

MATERIALS/RESOURCES:

- List of online resources that provide historical information on transportation inventions.
- Computers with access to source material on transportation inventions and inventors.
- Drawing paper, various drawing supplies (crayons, markers, chalk, glue, scissors)

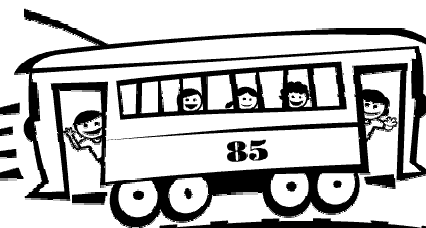
TEACHER INPUT:

- Explain to the students that when trains, streetcars and automobiles were invented, there were lots of ideas about how they would work and how they would look. Many inventors worked on competing ideas until good solutions were found. Today, many inventors are working to invent and improve the next forms of transportation (the Segway Scooter, hybrid cars, planes that will take passengers into space.) Direct students to use computers to research these and other transportation technologies and their inventors.
- We cannot know what forms of transportation will be most popular in the future, but we can use our imaginations. Discuss with the students what they think a child's journey to school will be like 100 years from now. How far will they travel? How fast? What will the vehicle look like? How will it be powered? What will it be made of? How will it work?
- Tell students that they are inventors, and give them the attached assignment.
- Ask students to present their inventions to the class as if they were advertising the invention on TV.

ASSESSMENTS:

Students should present their inventions to the class, using presentation notes and displaying their drawings. Display descriptions and drawings in the classroom. Ask students to vote for their favorite inventions; present awards to winners.

**Charlotte Trolley's
LIVE AND LEARN™
Program**



Learn about the community where you live!

Invent Transportation's Future!

You are an inventor in 2104 (100 years from now). You have been asked to design transportation for school children traveling to school. Describe your invention below using complete sentences. On another sheet, draw a picture of your invention.

1. Is your vehicle very big or very small?

2. What is your vehicle made of?

3. What color will your vehicle be?

4. How will your vehicle move? What will power your vehicle?

5. How many people can your vehicle hold?

6. Does your vehicle have seats or something else?

7. How fast will it go?

8. What is the name of your vehicle? How much does it cost?

9. Describe any special features of your vehicle.
