

Alternate Transportation Patch



Bicycles, buses, trains, trolleys, ferries, ski lifts, water taxis, gondola, horses, skates, Segways, people power . . .

. . . discover different methods of transportation that can help us get from one place to another in a neighborhood, a city or the world. To become aware that the way in which we travel can create changes in our environment and us.

All levels – complete the required activity plus 2 of the 6 activities listed below.

Required activity:

Plan and take a trip using two different kinds of alternate transportation. Be sure to use *Safety Activity Checkpoints* as your guide when planning for a safe trip.

1. Take a tour of a bus company, train station, airport, Air Pollution Control District Office, etc.
2. Learn about different types of transportation which have been used during the past 200 years in the United States. Find out about transportation common to other parts of the world that is different from transportation in the U.S.A.
3. Find out what your city, county and/or state government is doing to improve alternate transportation with regard to bike routes, pedestrian safety, bus improvements, etc.
4. Compare the costs of alternative and private transportation. Learn what MPG means. Calculate the cost of gas per mile for the vehicle your troop or family uses to travel. Figure out the cost of using a car using the MPG and price of gas. Find out the price of an alternative method of transportation that is available in your area. How far would you have to travel to make it more economical to use alternative rather than private transportation? At what price per gallon of gas would it become more economical? Based on what you learn think about why alternate transportation is not more widely used. What factors might change that?
5. Create a campaign to encourage others to try your alternative transportation methods. If possible, take photos on your trip (required activity) and use them. Other options for your campaign include drawing, collage, use social media or why not get creative and come up with your own method!
6. Which natural resource is used to run the automobile? Where does the gasoline come from? Learn about our energy consumption. What can be done to help control the amount of energy consumption? Have other forms of energy been developed for the automobile?