



Classroom Activity Ideas

Here are some ideas about how to incorporate walking and biking themes into various school subjects.

The Colorado Department of Transportation created lesson plans that align specifically with the State of Colorado's standards for education for core K-8 classes and have been reviewed by the Colorado Department of Education. These can be found at <http://www.coloradodot.info/programs/bikeped/safe-routes/srts-lesson-plans.html>.

From the International Walk and Bike to School website at www.walkbiketoschool.org:

Art or Computer Class: Create posters promoting Walk or Bike to School Day and safe driving and walking messages.

Geography: Survey and create maps of walking and biking routes to school. Use blogs or e-mail to follow a cross-country or intercontinental biking trip for charity.

Mathematics: Keep logs of walking time or steps; calculate speeds and distances, individual and group averages, trends and statistical analysis (e.g. do boys or girls walk more?)

General Science: Calculate the reduction in carbon impact of walking and biking to school compared to vehicle travel. Learn about clean air initiatives and the effect on public health.

Physics: Study the biomechanics of walking or basic drive mechanics on bikes. For example, measure stride lengths—do they vary with height, weight, age, leg length? How does walking speed relate to your step speed and stride length? Study how gears of a bike work and how different types of brakes function.

Biology: Look for specific plant or animal species, or inventory indigenous species along walking and biking routes. Catalog seasonal changes in the flora and fauna. Keep a log of temperatures related to levels of walking and biking.

English: Write press releases and public service announcements to promote Walk to School Day or Bike to School Day. Write essays or keep a diary about your experiences walking or riding.

History: Study historical locations in your community by walking or biking to them.

Social Sciences: Photograph important things about your community that you notice while walking or riding to school. Anything you'd like to change? What can you do about it? Start a pen-pal project with kids in other countries who walk or bike to school.