

Walk and Roll to School Day Curriculum Links



Social Studies

- students map their routes to school
- students give verbal directions so that other students can follow route (turn left, turn right, etc.)
- students observe their route to school and develop map of route with as much detail as possible
- conduct a "treasure hunt" on the way to school
- identify countries around the world where families participate in International Walk to School Day - see <http://www.iwalktoschool.org/whoswalking> for a list of countries
- identify major modes of transportation in other countries
- outline the history of the bicycle
- analyze the impact that car-based transportation has had on communities
- evaluate transportation choices based on economy, convenience and resource use
- design a community that is walking and biking friendly

Math/Social Studies

- calculate the total class mileage walked and biked to school, then map the distance and see if class can reach a geographic goal (walk/bike across South Dakota, across the US, around the world)
- measure each student's average step, then calculate how many steps it would take to walk a mile
- use the bicycle wheel to demonstrate the relationship between radius, diameter and circumference

Language Arts

- students tell/write about their journey to school using descriptive detail
- students fill out an "On My Way to School" form, see http://www.iwalktoschool.org/downloads/Activity-Pkg-04_5-8_On-my-way-to-school.pdf for form (may be modified)
- students write about a journey by bicycle or foot

- interview older people about their journeys to school and write a paragraph/essay about it

Science

- observe and record all signs of "wildlife" or plants on the journey to school
- compare heart rate when sitting still (as in car) to when walking or biking
- outline physiology of aerobic activity involved in walking and biking
- compare fossil fuels and the "fuel" used by walking and bicycling
- calculate number of calories burned in walking and biking for a given period of time
- investigate the science of the bicycle

<http://www.exploratorium.edu/cycling/index.html>