

Big Pedal 2021

Amazing air investigation

Level two worksheet



Can you predict which location will have the most air pollution, based on the different transport people are using?

How did your observations compare with your predictions?

Who passed by?	Location A	Location B
Person walking, jogging, running, scooting or using a wheelchair		
Person cycling		
Car or van		
Bus		
Other large vehicle (eg tractor, lorry)		

What's the best way to get to school?



Walking



Cycling



Train



Bus



Car share



Drive and park

Most sustainable



Least sustainable

Cars emit 0.30 kilograms of CO₂/ mile.

Buses emit 0.18 kilograms of CO₂/mile per passenger.

Trains emit 0.08 kilograms of CO₂/mile per passenger.

Source: Department of Transport, 2020