

EAIEN SUSTAINABLE TRANSPORTATION QUIZ

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QUICK REFERENCE CHEAT SHEET

#	Scenario	Answer	Why?
1	Walking to school (15-minute walk)	OK	Walking is the most sustainable way to travel short distances. Zero emissions, zero cost, and it's great exercise. A 15-minute walk also helps you wake up and focus better in class!
2	Parents driving you 500 meters to school alone in an SUV	NOT OK	Driving such a short distance alone in a big car is one of the least efficient ways to travel. An SUV produces around 200-300g of CO2 per km. For 500 meters, walking or cycling would take just a few minutes and produce zero emissions.
3	Taking the city bus to school	OK	Public buses carry 40-60 people at once. Even though the bus itself produces emissions, when you divide that by all the passengers, the CO2 per person is much lower than individual cars. One full bus can take up to 40 cars off the road!
4	Ordering everything online with next-day delivery	NOT OK	Surprise - transportation includes deliveries too! Next-day and express shipping means trucks and planes rush your package separately instead of combining shipments efficiently. Standard shipping is much more sustainable because items are grouped together. Ask yourself: do I really need it tomorrow?
5	Cycling to your friend's house	OK	Cycling produces zero direct emissions, it's fast for short-to-medium distances, and it keeps you fit. A bicycle is actually the most energy-efficient form of transportation ever invented - you travel 3x faster than walking using the same energy!
6	Taking a taxi alone for a 2 km trip	NOT OK	A taxi for one person over a short distance is very inefficient. The taxi had to drive TO you (empty), then drive you just 2 km. That's a lot of fuel for a distance you could easily walk in 20 minutes or cycle in 7 minutes. If you must take a taxi, share the ride!
7	Carpooling with 3 classmates to school	OK	Carpooling divides the emissions by the number of passengers. 4 people in one car means roughly 75% less CO2 per person compared to 4 separate cars. It also reduces traffic, saves money on fuel, and is more fun than driving alone!
8	Flying from Istanbul to Ankara (1 hour flight)	NOT OK	Short flights are one of the worst options for the environment. A 1-hour flight produces about 70-80 kg of CO2 per passenger. The

			same trip by train produces only about 10-15 kg. Plus, when you add airport waiting time, the train is often just as fast for short distances!
9	Using an electric scooter (e-scooter) instead of a car	OK	E-scooters use very little electricity and produce far fewer emissions than cars, even when you count the electricity production. They're great for short urban trips. Just remember: park them properly, wear a helmet, and don't leave them blocking sidewalks!
10	Keeping your car engine running while waiting (idling)	NOT OK	Idling wastes fuel and produces emissions for nothing. A car idling for just 10 minutes burns about 0.1-0.2 liters of fuel and releases unnecessary CO2. If you're waiting more than 30 seconds, it's better to turn the engine off. Many countries are even making idling illegal!
11	Taking the train for a long-distance trip	OK	Trains are one of the most efficient ways to travel long distances. They produce about 80-90% less CO2 per passenger than planes. High-speed trains are also comfortable, you can walk around, and there's no turbulence! Many European countries are now promoting trains over short flights.

