

# A guide to e-bikes, mopeds and more

## Safe Routes to School



Vancouver's Safe Routes to School (SRTS) Program works with school districts and community partners to encourage students and families to walk, roll, and bike to school safely. This guide helps you determine what e-bike is right for you and members of your family.

### What to look for when purchasing an e-bike?

1. For children younger than 16, look for a Class 1 or Class 2 e-bike.
2. Confirm the e-bike has a label that lists the bike classification, the top assisted speed, and motor output in watts. This is required by Washington State law.
3. Confirm the e-bike is certified to UL 2849 safety standards. These strict industry standards reduce risk of battery failure by testing and ensuring products meet safety requirements.

### What do you need to know to ride these vehicles in Washington?

	Class 1	Class 2	Class 3	E-Scooter	Moped	E-Motorcycle
<b>Must wear a helmet</b>	X	X	X	X	X	X
<b>Under 16 years allowed</b>	X	X				
<b>Must be 16 years or older</b>			X	X	X	X
<b>Must have a driver license</b>					X	X
<b>Must register with WA DOL</b>					X	X
<b>Must have a motorcycle endorsement</b>						X

### Did you know?

If you are riding a bicycle, e-bike, scooter, moped or e-motorcycle, you are required to wear a helmet by City of Vancouver (VMC 9.62.030) or by Washington State Law regardless of your age.

# Picking the right e-bike



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**Class 1 e-bikes** have pedals and the rider must pedal the bike to receive assistance from the motor. The motor turns off when the top speed of 20 mph is reached.



**Class 2 e-bikes** have pedals but the rider does not have to pedal the bike to receive assistance from the motor. The motor turns off when the top speed of 20 mph is reached.



**Class 3 e-bikes** have pedals and the rider must pedal the bike to receive assistance from the motor. The motor turns off when the top speed of 28 mph is reached.

Must be 16+ to ride



**E-scooters** have two or three wheels with handlebars and a floorboard to stand on. E-scooters are powered by a motor with a top speed of 20 mph.



**Mopeds** have two or three wheels and are powered by a motor with a top speed of 30 mph. To use a moped, you're required to have a driver's license by state law. A moped is not an e-bike and is not pedal-powered.



**E-motorcycles (e-motos)** have two or three wheels with a motor output of over 750 watts. E-motos can travel at speeds over 30 mph. To use a motorcycle, you're required to have a driver's license and motorcycle endorsement by state law. An e-moto is not an e-bike and is not pedal-powered.

## Need more information about e-bikes and Safe Routes to School?

- **Washington Traffic Safety Commission E-Ride Guide:** [wtsc.wa.gov/E-Ride-Guide](http://wtsc.wa.gov/E-Ride-Guide)
- **People for Bikes:** [peopleforbikes.org/electric-bikes](http://peopleforbikes.org/electric-bikes)
- **Visit the Vancouver SRTS website:** [cityofvancouver.us/SRTS](http://cityofvancouver.us/SRTS)
- **Email the Vancouver SRTS team:** [VancouverMoves@cityofvancouver.us](mailto:VancouverMoves@cityofvancouver.us)