

PINE ISLAND ACADEMY



E-BIKE PRESENTATION

Who is responsible for safety?

Safety is EVERYONE'S responsibility. Please make sure your child understands the rules of the road and is cautious of his/her surroundings at all times. Students should not operate their E-bikes at a speed they cannot handle or in such a manner that the bike cannot be controlled effectively.



Convenience

We understand that there may be a need or desire for students to self-transport to school. We further understand that you can operate an electric bicycle without the hassle and expense of going to a motor vehicle office, as E-bikes do not need to be licensed, registered or insured.



How old do I have to be to operate?

The minimum age to ride was 16 years old, however as of 2023, there is no longer an age restriction to operate an electric bike. You know your child. Use discretion.....



YES!!>

<NO!!



PROTECT YOUR BRAIN

- Operators 15 and under **MUST** wear a helmet, and it should be worn properly. The chance of concussion or traumatic brain injury is greatly reduced when you have a helmet on, and it is worn **correctly**.



Where can I ride my E-bike?

E-bikes can be operated on the same places as bicycles, such as roadways and shoulders (in the right lane), bike lanes, streets, sidewalks and multi-use paths. E-bikes have the same privileges, rights and responsibilities as other bikes



HOW FAST CAN MY E-BIKE TRAVEL?

Speed limits can vary by class. Class 1 and 2 (with or without throttle assist) are typically limited to a maximum speed of 20 mph, where Class 3 can go up to 28 mph, usually have pedal assist and a speedometer

3 CLASSES of ELECTRIC BIKES			
	CLASS 1	CLASS 2	CLASS 3
PEDAL ASSIST	✓	✓	✓
THROTTLE	✗	✓	✗
MAX ASSISTED SPEED	20 MPH	20 MPH	28 MPH



E-bikes are subject to the law!

Riders must obey all traffic laws, including signaling turns and obeying traffic signals:

316.155 Not signaling intent to turn

316.2065(10) Not yielding or audibly signaling before
overtaking pedestrians

Local ordinances may be passed by counties or local communities regarding E-bikes. For example, in Sanibel Island and in Fort Myers Beach, who banned the use of E-bikes in 2018. Bicyclists, including E-bikes, must obey the same traffic laws as motorists, except when there is a contradicting bicycle law. An exception is riding on a sidewalk. Unless a local ordinance prohibits it, bicyclists can ride on sidewalks. Therefore, so can electric bicycles.

MODIFICATIONS

E-bikes manufactured after January 1, 2021, must have a permanent label that contains their classification number, top assisted speed and motor wattage (no motor should exceed 750 watts)

You can modify your E-bike as long as you update the classification label

Modifying the bike can be dangerous and illegal. If it causes an accident especially one involving a third party it may lead to criminal charges possibly a civil



RECAP/QUESTIONS

- Classification of e-bike: There are three classes of e-bikes in Florida, with different speed limits and motor assistance:
 - Class 1: The motor only assists when the rider pedals, and stops assisting when the bike reaches 20 miles per hour.
 - Class 2: The motor can be used to propel the bike without pedaling, and stops assisting when the bike reaches 20 miles per hour.
 - Class 3: The motor only assists when the rider pedals, and stops assisting when the bike reaches 28 miles per hour.
- Where to ride: E-bikes can be ridden on the same paths as standard bicycles, such as streets, highways, shoulders, and bicycle lanes. They are also permitted on multi-use trails and bicycle trails within Florida state parks.
- Helmet law: E-cyclists under the age of 16 are required to wear a helmet, but are recommended for **ALL**
- Motor power: The electric motor on an e-bike must not exceed 750 watts.
- Equipment: E-bikes must meet the equipment and manufacturing requirements for bicycles set by the United States Consumer Product Safety Commission.
- Motor disengagement: The electric motor must stop working when the rider stops pedaling or applies the brakes.

THANK YOU

SAINT JOHN'S COUNTY SHERIFF'S OFFICE

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