E-BIKE SAFETY



While e-bikes are a convenient way to get around, their high-capacity lithium-ion batteries can pose a serious risk of overheating, fire, or explosion if they are damaged, improperly charged, or used with incompatible chargers. Unlike standard fires, lithium-ion battery fires burn intensely, spread rapidly, and release toxic gases. Following proper charging and storage habits at home is the single best way to prevent an emergency.

Lithium-Ion Battery & Charging Safety

- **Use certified equipment:** Only charge e-bikes with the original manufacturer's charger or a UL-certified replacement.
- **Never charge unattended or overnight:** Unplug the battery once it reaches a full charge, and never leave a charging bike or battery blocking doorways, hallways, or exits at home.
- **Inspect before charging:** Do not charge or allow your student to ride an e-bike with a battery that has been dropped, cracked, swollen, leaking, or exposed to water.
- **Store safely indoors:** With colder late-fall temperatures setting in, store batteries inside at room temperature away from direct sunlight, heaters, and flammable materials rather than in unheated garages or sheds.
- **Campus rule:** As a reminder, e-bikes and batteries may not be brought inside school buildings or charged on school property.

Student Riding & Safety

- **Wear a helmet:** All students riding e-bikes are required/strongly encouraged to wear a properly fitted, buckled helmet—ideally one rated for higher e-bike speeds (such as NTA 8776).
- **Plan for earlier sunsets:** With shorter days and earlier dusk, ensure front and rear lights are working and have your child wear bright or reflective clothing.
- **Follow local e-bike laws:** Please check your child's e-bike class (Class 1, 2, or 3) to ensure they meet local age and licensing requirements, and remind them never to carry passengers unless the bike is specifically designed for it.
- **Walk bikes on campus:** Please remind your child to dismount and walk their e-bike once on school property and park only in designated bike racks.

Quick Pre-Ride Check (The ABCs)

- A – Air: Colder weather can lower tire pressure. Check that tires are properly inflated before riding.
- B – Brakes: Squeeze both brake levers to make sure they engage firmly, as wet leaves and cooler pavement can affect stopping distance.
- C – Chain & Charge: Confirm the chain is secure and the battery is locked properly into its frame mount.

Thank you for partnering with us to keep our school community safe.