

# Making White Plains A Little More *Green*



White Plains City School District is taking “going green” to the next level, introducing five new electric school buses to the fleet. And they’re just getting started. The vision is to be fully electric in the years to come.

## Taking Charge

White Plains City School District (WPCSD) is the first in New York state to introduce electric school buses.



Going beyond the classroom, WPCSD is known for teaching students the importance of being environmentally friendly and staying committed to the community’s wellbeing.

Electric vehicles benefit students, the environment and the community:

- **Benefits to Future Generations:** Instilling important values in younger generations by educating them on the importance of protecting the environment by using clean and renewable energy
- **Cleaner:** Creating less pollution than gas or diesel-powered, electric vehicles are an environmentally friendly alternative
- **Quieter:** Creating less noise than gas or diesel school buses

## How do Electric School Buses Work?

- **Zero Emission:** The zero emission school bus is 100% battery powered
- **Electric Batteries:** Batteries are recharged using North America’s industry standard J1772 charging protocol also used to recharge
  - DC Fast Charging is also available and can reduce the overall charging time for 4-6 hours to 1-2 hours

## Benefits of Going Electric

Zero emissions translate to buses that are cleaner and healthier, not to mention cost-effective.

- **Lower Total Cost of Ownership:** Operational costs per mile are much lower (up to 40%) than any combustion engines school buses
- **All-Electric Powertrain:** The electric motor has equivalent or better performance than same category and combustion engine vehicles
- **Great Performance:** Proven in all types of weather and conditions
- **Healthier:** Emission-free air for our students, parents, teachers and community

