

Maintain and repair electric cart for the Transportation Department, maintain and repair gasoline trucks and propane sweepers for the Custodial and Warehouse Departments; utilize a voltage tester to diagnose power levels. Repair forward and reverse solenoids, switches, and battery replacements/connections; make motor work repairs, including carbon brushes or bearing replacement, front-end alignments, tires, and brakes. **E**

Repair the Maintenance/Trades Department power equipment, such as jackhammers, ground pounders, generators, large water valves, high-pressure washers, compressors, hand sanders, drills, table saws, welding equipment, grinders, and hydraulic jacks. **E**

Maintain, service, and repair Industrial Arts class equipment, such as table saws, band saws, drill presses, hand-held sanders, wood planers and jointers, and all power and mechanical equipment. **E**

Utilize reference materials, service manuals, and troubleshooting guides to determine appropriate parts or information for specific applications; operate a computer to conduct research to

ABILITY TO:

Perform skilled work to rebuild, repair, and service power operating equipment.

Fabricate and manufacture equipment and parts.

Diagnose equipment being repaired.

Focus on a single source of sound in the presence of other distracting sounds.

Machine parts to the tolerance of .0002 inch.

Analyze information, and evaluate results to choose the best solution and solve problems.

Use reference materials, service manuals, and troubleshooting guides.

Machine parts as needed for repair.

Assemble and disassemble mechanical equipment.

Use gas and electric welding and cutting equipment.

Work from blueprints, schematics, sketches, shop drawings, and diagrams.

Maintain records, and prepare complete and concise reports.

Understand and follow oral and written directions.

Establish cooperative working relationships with others.

Work independently with minimal supervision.

Work with school improvement initiatives that close student achievement gaps between racial, ethnic, and economic groups by working with all of the diverse communities.

Operate a vehicle, observing legal and defensive driving practices.

Lift and carry heavy objects according to safety regulations.

Multi-task and complete work with many interruptions to meet schedules and timelines.

Operate and maintain specialized tools of the trade, as well as a computer.

Meet state and district standards of professional conduct as outlined in Board Policy.

WORKING CONDITIONS:**SAMPLE ENVIRONMENT:**

School site, outdoor, and shop environment; noise; drive a vehicle to conduct work.

SAMPLE PHYSICAL ABILITIES:

See details at close range and for good eye-hand coordination; ascend and descend ladders, lifts, and scaffolding; balance, lift, and carry heavy objects; bend at the waist; 2.998()-64004Tr(s-2.9aIn98(T)-N ovoid)-9aIn98(T)eavydiy heae1s-5o