

Cat Tri-Cat Restoration Project

Project:

Restore a classic Cat Tri-Cat Trike.

Expectations:

Students will assess the trike and find out what will be needed to restore it. Students will restore the trike to its former glory.

Students will:

- Tear down the machine
- Inventory parts that can be reused
 - Bag and label parts and keep an inventory of them
- Inventory parts that will need to be replaced
 - Bag and label parts to keep to compare with new parts to ensure that they will fit
- Order new parts
 - Look up new parts
 - Order new parts
 - Fabricate new parts if/when necessary by collaborating with some of the other programs within the school such as Welding, and Precision Engineering.
 - Reconcile shipping receipt with new parts
- Clean and Paint parts that will be reused
 - Includes glass beading
- Clean and repair the body as needed (may include polishing)
- Assemble machine
- Test run engine and machine
 - Ultimately take a field trip to Pine Lake Race Track to test run the newly restored machine.