

Title Small Engine Storage

Curriculum Small Engines Industrial Technology

Grade Level Span 9-12

Purpose

To teach proper storage of small engines during the off season

Description

This lesson is designed to last two 70 minute class periods. This activity follows a logical progression of engine storage

Activities	Curriculum Standards	NETS for Students
Safety procedures Proper storage Cleaning of the exterior Use of fogging oil and solvents Cleaning of the cooling system Air cleaner service Spark plug service Effects of gum and varnish	National T&I Level II Standards 1, 2, 3, 4, 5, 6, 7, 8	1, 2, 6, 8, 9, 10
How to Procedures: 1. Drain Fuel 2. Start and run engine dry 3. Drain the oil while warm 4. Refill with oil 5. Clean the exterior 6. Remove the shroud and clean 7. Service air cleaner 8. Clean and re-gap spark plug 9. Spray fogging oil into spark plug 10. Turn flywheel by hand and until both valves are shut 11. Spray WD-40 over areas that may rust 12. Store in a dry environment		

Tools and Resources

(List all Web sites, specific software and hardware needs)

small engines

technical manuals

tool kits

fogging oil, solvent and washing, drain pan

www.geocities.com/motorcity/2278/contents.html

Assessment

(How will you assess the students' learning? If you have a rubric, record it here. Be as specific as possible)

Minnesota Grad Standards Rubric Read, listen, View Tech. Reading
www.cfl.state.mn.us

Authors (including contact information)

(Record the names and email addresses, if possible, of those who contributed to the development of this lesson sequence)

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Personal Account

(Have you taught this lesson sequence before? What are the great learning/experiences you had?)

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