

**SMALL ENGINE
PROJECT
INSERT**

ABOUT MY SMALL ENGINE PROJECT

General Information: _____

Name of equipment (on which engine is mounted) _____

Name and address of equipment manufacturer _____

Name and address of engine manufacturer _____

Operating position of crankshaft:

Vertical: _____ Horizontal: _____ Multi-position: _____

Engine Cycle: Two-Cycle: _____ Four-Cycle: _____

Model Number or Name: _____

Serial Number: _____

Specification Number: _____

Type Number: _____

Horsepower: _____

Owner's Engine Information Form

Types of accessories and major units:

Carburetor Air Cleaner:

Oil Bath _____ Oiled filter _____ Dry filter _____

Fuel Strainer: Combination screen and sediment bowl _____
 Screen inside the fuel tank _____

Crankcase Breather: Reed valve _____ Floating disk
 valve _____

Starter: Rope-wind _____ Rope-rewind _____

Wind up _____ Electric, AC _____ Electric DC _____

Ignition System: Battery _____ Flywheel magneto

_____ Solid state _____ External magnet _____

Fuel Pump: Mechanically driven _____
 Differential pressure driven _____

Carburetor:

Float _____ Suction life _____ Diaphragm _____

Governor: Air vane _____ Centrifugal _____

Service and maintenance specifications:

Fuel: Octane number _____, Mixture of oil and gasoline (two-cycle)
 (Amount of oil per gallon of gasoline: 0.12 litres (1/4 pint) _____
 0.24 litres (1/2 pint) _____ Other _____

SAE grade: SAE 5W _____ SAE 10W _____ SAE 20W _____
 SAE 30W _____ SAE 10W30 _____

Classification: ML _____ MM _____ MS _____ SC _____
 SD _____ SE _____ CC _____ Two-Cycle

_____ Type of Spark Plug: _____ Gap setting 0.5mm (.020 in.)
 .6mm (0.25in.) Other _____

Ignition Breaker-Point Gap:
 .3mm(.12in.) _____ .4mm (.15 in.)
 Other _____

PROJECT PLANNING

Why did you choose this project?

Project 1: _____

Project 2: _____

Project 3: _____

Project 4: _____

What skills do you want to learn or improve on?

Project 1: _____

Project 2: _____

Project 3: _____

Project 4: _____

What goals do you want to accomplish with your project?

Project 1: _____

Project 2: _____

Project 3: _____

Project 4: _____

What other 4-H activities do you want to try?

MONTHLY PROJECT REPORTS

Fill out the monthly project reports only for those months when you are working on your project.

Month	Comment - How did your project do this month, questions, ideas?	
	Member:	
	Leader:	Leader Initials:
	Member:	
	Leader:	Leader Initials:
	Member:	
	Leader:	Leader Initials:
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	Member:	
	Leader:	Leader Initials:

FINANCIAL SUMMARY FOR MY SMALL ENGINE PROJECTS

EDUCATION / CLASS EXPENSE: (workshops, books, etc.)

Item	Cost
Total	(L)

OTHER EXPENSES: (materials, financial fees, project event costs **Note:** Items that are used up yearly are recorded here)

Item	Cost
<i>Total of Inventory from Page 6</i>	
Total	(M)

Total Expenses

Education / Class Expenses

Other Expenses

Initial Cost of Engine

Total Expenses

		(L)
+		(M)
+		
=		(P)

FINANCIAL SUMMARY CONTINUED

Project Income:

Item	Project #	Amount
Total		(Q)

Profit or Loss Calculation

Total Income

Total Expenses

Profit or Loss

	(Q)
-	
=	
	(U)

EVALUATION OF MY SMALL ENGINE PROJECT

1. What is your favourite project and why?

2. Skills and techniques I have learned and used this year:

3. My greatest success was:

4. The hardest part was:

5. Did you achieve your project goals? Why or why not?

6. What would you do differently next time?

7. What did you like best about the Small Engine project?

8. What would you change about the Small Engine project?

YOUR CLIPPING PAGE: *Add in your notes, pictures and clippings here. Add MORE pages as necessary.*

RECORD BOOK - Non Livestock Marking Guide

This is just a guide - clubs can add, delete, or change any of the book to suit the clubs' needs.

Member Name: _____ Age Group: JR/INT/SR

BASE BOOK -Completness(Including Accuracy pages)

All pages to be filled in or N/A marked

About Me/About my Club	/8
My 4-H Year Plan	/2
Record of Club Activities	/4
Record of District, Regional & Provincial Acitivies	/4
Code of Conduct	/4
Financial Summary for 4-H year	/8
Story of My 4-H Year	/4
Neatness & Personality - Base Book Only	/8

INSERT - RECORD BOOK

Accuracy: All records and calculations should be complete

	Project one	Project two	Project three
My Project /Project Planning	/5	/5	/5
Picture - Beginning & End Project Picture	/5	/5	/5
Practice Log/Maintenance Log	/6	/6	/6
Other expenses	/4	/4	/4
Project Financial Records	/10	/10	/10

Neatness: Inserts

Neatness is more than penmanship. It also includes spelling, punctuation, spacing & consistency. Corrections should be minimal & neat.

Personality: Completed Book

4-H Communication Activity /Judging sheets	/4
4-H Handouts - Agenda, Financials, etc	/4
Orgainization & presentation of material	/4
Originality & Creativity	/4
Quality Photos & pictures - titled & dates	/6
Clipping Pages Newspaper & magazine articles	/6

Attention to Detail:

contributed extra to their record book /5

Total Points

General Comments::
