



Enroll in ZSuite Under this Project Name: TECS-SMALL ENGINES-Lv 1: Crank It Up

Approved for 2024-25 Project Year

Project Description: Youth learn about engine parts, engine maintenance, oil grades, spark plugs, cooling systems, and safety labels.

REQUIRED YOUTH CURRICULUM

[Crank It Up, Level 1](#) (#08186), 2005

[ZSuite 4-H Involvement Report](#)

[ZSuite 4-H Project Record Book](#)

REQUIRED VOLUNTEER CLUB LEADER CURRICULUM

[Small Engines Helper's Guide](#) (#08189), 2005

SUPPLEMENTAL RESOURCES

[Briggs & Stratton](#) (www.briggsandstratton.com)

[Ariens](#) (www.ariens.com/en-us)

[John Deere](#) (www.deere.com)

[Kohler](#) (www.kohlerpower.com/en/engines)

[Tecumseh Engines](#) (www.tecumsehengineparts.com)



PROJECT COMPLETION CHECKLIST

STATE REQUIREMENTS	
	Complete a minimum of 7 required/optional activities in the Crank It Up member manual each year.
	Finish at least 21 of the required and optional activities within 3 years to pass each book.
	Have your project helper date (month and year) and initial each activity when it is finished.
	Complete the 4-H Project Record Book for this project in your ZSuite Member Account
	Fill out your 4-H Involvement Report in your ZSuite Member Account
	Give an oral presentation (speech, demonstration, or illustrated talk) to your 4-H peers on a topic related to this project. Recommended guidelines for length of oral presentations are: <ul style="list-style-type: none"> • Junior: 5-8 minutes • Intermediate: 8-10 minutes • Senior: 10-12 minutes

ADDITIONAL LOCAL REQUIREMENTS

FAIR EXHIBIT CHECKLIST	
	Completed Idaho 4-H Involvement Report (ZSuite)
	Completed Idaho 4-H Project Record Book for this project (ZSuite)
	Crank It Up Member Manual
	ONE of the following exhibit options: <ul style="list-style-type: none"> • A poster (14"x22") or display illustrating something you learned in this project this year. • A scrapbook of pictures of an activity you conducted • One of the following items (each year it should be a different item): <ul style="list-style-type: none"> ○ History of Engines ○ Classifying Small Engines ○ Uses of Small Engines ○ Matching machines to the job ○ Engine operation ○ Small Engine Parts ○ Buying Small Engine Parts ○ Electrical System Operation ○ Needs for Lubrication ○ Needs for Cooling System

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