

Science & Technology

SMALL ENGINES

LEVEL 1

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Rev. 09-20

| Projects & Materials | Requirements | Exhibit Requirements |
|---|--|---|
| <p>Youth Materials:</p> <ul style="list-style-type: none"> • National 4-H Curriculum <i>Crank It Up, Level 1</i> (#BU-08186) 📖 2005 • ZSuites 4-H Involvement Report • ZSuites 4-H Project Record Book <p>Volunteer Materials:</p> <ul style="list-style-type: none"> • National 4-H Curriculum <i>Small Engines Helper's Guide</i> (#BU-08189) 📖 2005 | <p>In the member's current Manual:</p> <ul style="list-style-type: none"> • Complete a minimum of 7 required/optional activities 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. • Give an oral presentation (speech, demonstration or illustrated talk) related to this project. <p>Complete the following:</p> <ul style="list-style-type: none"> • ZSuites 4-H Involvement Report • ZSuites 4-H Project Record Book | <ul style="list-style-type: none"> • ZSuites 4-H Project Record Book #91950 • ZSuites 4-H Involvement Report • Completed Member Guide <p>Exhibit one of the following:</p> <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 <p><i>Note:</i> Exhibits must utilize only skills, tools, and techniques taught in this project book.</p> |
| <p>County Requirements: Check with your County Extension office for more information.</p> | | |
| <p>Support Materials: To order National 4-H Curriculum visit: https://shop4-h.org/products/small-engines-curriculum-1-crank-it-up Volunteer Guide: https://shop4-h.org/products/small-engines-curriculum-helpers-guide Idaho 4-H Small Engines page: https://www.uidaho.edu/extension/4h/projects/small-engines</p> | | |
| <p>Optional Supporting Materials: www.briggsandstratton.com (Briggs and Stratton) www.ariens.com/en-us (Ariens) www.deere.com (John Deere) www.kohlerengines.com (Kohler) http://www.tecumseh.com Tune (Tecumseh)</p> | | |