

Small Engines

Project Instructor Dave Foster 304-279-0131 D_Foster@frontier.com

Please fill out your project book neatly, complete each line and please use complete sentences. When doing optional activities, write your response on separate sheet of paper and staple in project book on page where activity is listed. If you have questions or need help completing your project book or with exhibit requirements please contact your project leader/instructor.

Project books are due to your Club Leader at your September meeting.

Crank It Up - Small Engines 1: This project helps you learn how an engine works, how you might earn some extra money with your small engine project, and how to match the machine to the job.

Book Requirements: Complete **seven** (7) Activities per year for 3 years. Use different colored ink for years 2 & 3.

BCYF Exhibit Requirements:

Year 1 – A Poster showing and labeling the parts of a small engine as illustrated on page 6 of your book.

Year 2 - Prepare a poster displaying at least 10 tools with their uses as illustrated on page 10 of your book.

Year 3 - Prepare a poster of what to wear using the Safety Rules found on page 27 of your project book.

WV State Fair Exhibit Requirements:

All Years - A poster or display on two Small Engines activities completed this year in Crank It Up! and your "Race Ahead" activities notebook and project book.

Warm It Up – Small Engines 2: This book focuses on types of engines, engine parts, specialty tools, and types of lubrication.

Book Requirements: Complete **seven** (7) Activities per year for 3 years. Use different colored ink for years 2 and 3.

BCYF Exhibit Requirements:

Year 1 – Prepare a poster describing and illustrating the proper procedures to winterize a small engine as found on page 22 of your project book.

Year 2 - Prepare a poster describing and illustrating mowing patterns and center of gravity rules as found on page 27 of your project book.

Year 3 - Prepare a poster showing how you would start up your own business to earn money using the activity found on page 32 of your project book.

WV State Fair Exhibit Requirements:

All Years - A poster or display on two Small Engines activities completed this year in Warm It Up! plus your "Race Ahead" activities notebook and project book.

Tune It Up – Small Engines 3: In this book you will tear down and rebuild engines and learn skills that will help you get a job, communicate with professionals and customers, and troubleshoot.

Book Requirements: Complete **seven** (7) Activities per year for 3 years. Use different colored ink for years 2 and 3.

BCYF Exhibit Requirements:

Year 1 – Using tools pictured on page 8 of your project book, prepare a poster picturing the tools with their name and an explanation of their uses.

Year 2 - Prepare a poster comparing and contrasting three different brands of equipment as demonstrated in the activity found on pages 30 and 31 of your project book.

Year 3 - Prepare a poster using information found on page 32 of your project book to show how a business might have a profit or loss.

WV State Fair Exhibit Requirements:

All Years - A poster or display on two Small Engines activities completed this year in Tune It Up! plus your "Race Ahead" activities notebook and project book.

The 4-H Member selects their method of exhibition. It is the responsibility of the member to register and complete all requirements of their selected exhibition organization by directly working with them and following their rules/ regulations/deadlines. Go to their websites for further information: berkeleycountyouthfair.org or statefairfww.com

If the member chooses to complete at the Club Level they should make arrangements with their Leader.