Are you ready for some more fun in small engines? In this level you will learn about different engine types, internal parts, specialized tools, engine size, compression, seasoning your engine, safety issues, starting your own business, and much more.

You’ll continue to learn more about yourself, too. You’ll learn skills you can use all your life, like planning and organizing, problem solving, decision making, classifying, safety, communication and more. Remember, continue to save all your notes, drawings, and pictures in a Start Your Engines! Portfolio.

Your Project Helper

Try to do at least seven Warm It Up! activities each year. There are 13 main activities in this project guide and several other fun activities in the Race Ahead sections.

You don’t have to do all of this alone. Ask a parent, neighbor or older friend to guide you in this project. Your helper can help you find the things you’ll need for an activity. Your helper can also guide you as you talk about what you learn. When you’re all done with an activity, your helper can check it off the list of activities in this guide.

Write the name, address, phone number, and email of your project helper here.

My project helper

Address

Phone

email

Inventory

Tools and Supplies You Will Need for Activities in Warm It Up!

- Box-end wrench set
- Calculator
- Compression tester
- Hammer
- Feeler gauge, wire
- Flywheel holder
- Flywheel puller
- Lawnmower
- Owner’s manual
- Micrometer
- Needle nose pliers
- Open-end wrench set
- Paper
- Pencil
- Pliers
- Ruler or tape measure
- Screw driver-blade
- Screw driver-Phillips
- Socket set
- Socket wrench-ratchet
- Spark plug socket
- Starter clutch wrench
- Torque wrench
- Valve spring compressor
- Vernier calipers

Good luck with Level 2 of Start Your Engines!