



# SCHOOL DISTRICT OF MONROE

*Preparing for the Future, One Child at a Time*

## Home Maintenance & Repair

### **Course Description:**

The curriculum for this course is developed from the [Wisconsin Standards for Technology and Engineering](#). This elective course is a 1-trimester course in which students will learn practical, real-life skills needed to properly maintain a future home and personal vehicle(s). This is a project based course where students will be engaged in group and individual activities, designed to introduce the how-to's of home care and repair, and provide opportunities to put what they learn into practice. The information in this course overview outlines what students should understand and be able to do by the end of the trimester.

### **Mastery Standards:**

Students will analyze and use electricity in homes, small engines, and personal automobiles (BB1.d).

Students will select and perform an appropriate maintenance process in order for the product or system to continue functioning properly, to extend its life (BB1.e.6.h).

Students will analyze construction requirements, materials, structures, techniques and maintenance (AC1.a).

Students will demonstrate and use the hand tools and power tools common to residential construction (AC1.c.5.h and AC1.d).

Students will solve common residential construction problems (AC1.e.15.h).

Students will demonstrate proficiency in the practical application of the processes and materials (e.g., structural, electrical, mechanical, finish) appropriate to architectural design and construction (AC1.g.10.h).

Unit	Description of Unit and Learning Targets
<b>Unit Title: 1</b>  <u>Essential Questions:</u> <ul style="list-style-type: none"><li>How do you decide what are the most important factors that affect home care, safety, and the quality of life in your home?</li></ul>	Students will... <u>Learning Targets:</u> <ul style="list-style-type: none"><li>I can identify and explain the reality of living costs and home repairs, healthy home priorities, common home defects and safety issues, and best practices for home maintenance schedules.</li><li>I can explain and demonstrate how to make common home repairs for electrical, plumbing, and drywall problems, which eliminates the need to pay for such services.</li><li>I can explain and demonstrate how to design and draw a basic floor plan layout of a small lake house that I would love to have someday!</li></ul>
<b>Unit Title: 2</b>  <u>Essential Questions:</u> <ul style="list-style-type: none"><li>How can you know that you are purchasing and maintaining the best yard equipment and the best vehicle that you can afford?</li></ul>	Students will... <u>Learning Targets:</u> <ul style="list-style-type: none"><li>I can explain and demonstrate how to maintain the common yard machines used in a typical home.</li><li>I can explain and demonstrate how to identify and perform common vehicle maintenance tasks, which eliminates the need to pay for such services.</li><li>I can explain and demonstrate how to find and purchase the best used vehicle that I can afford.</li><li>I can identify the newest developments in vehicle safety</li></ul>

	features, which will help me make safer decisions in choosing a vehicle to purchase.
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