

07_Home Outdoors

Content Area: **Special Education**
Course(s):
Time Period: **Semester**
Length: **3 Weeks**
Status: **Published**

General Overview, Course Description or Course Philosophy

Do-It-Yourself (DIY) Tech is a one semester course at the high school. This class enables students to understand how to address basic household repairs while students safely use and maintain appropriate tools, machinery, equipment, and resources to accomplish project goals.

OBJECTIVES, ESSENTIAL QUESTIONS, ENDURING UNDERSTANDINGS

Objectives:

- Students will learn how to engage in simple maintenance jobs outdoors to fend off potential moisture problems and prevent costly repairs.

Essential Questions:

- Does student have a clear understanding of integrity and act on this understanding in every decision?
- Does student readily recognize problems in the home or workplace, understand the nature of the problem, and devise effective plans to solve the problem?

Enduring Understandings:

- Make sure preventive maintenance is done and needed repairs are made in a timely manner.
- It is important to become aware of problems when they occur and take action quickly to address the problem;
- Thoughtfully investigate the root cause of the problem prior to introducing solutions.
- Carefully consider the options to solve the problem. Once a solution is agreed upon, follow through to ensure the problem is solved, whether through their own actions or the actions of others.

CONTENT AREA STANDARDS

9.4.2.CI.1: Demonstrate openness to new ideas and perspectives.

9.4.2.CT.1: Gather information about an issue, such as climate change, and collaboratively brainstorm ways to solve the problem.

9.4.2.CT.2: Identify possible approaches and resources to execute a plan.

9.4.2.CT.3: Use a variety of types of thinking to solve problems (e.g., inductive, deductive).

RELATED STANDARDS (Technology, 21st Century Life & Careers, ELA Companion Standards are Required)

CAEP.9.2.12.C

Career Preparation

STUDENT LEARNING TARGETS

Declarative Knowledge

Students will understand that:

- Gutters need to be cleaned regularly.
- The roof needs to be inspected.
- Identify simple paint repairs.
- Overgrowth should be trimmed.
- Good drainage is essential.
- It is important to choose the right plants for your soil type.
- It is essential to give plants enough space.

Procedural Knowledge

Students will be able to:

- Recognize and fix simple paint repairs.
- Check their soil type: is it light and sandy, or heavy and clay?
- Be gentle with new plants.
- Plan ahead with their garden designs.
- Soak the plant roots.
- Label, label, label.
- Water mindfully.

- Weed.

EVIDENCE OF LEARNING

Formative Assessments

do nows, exit slips, performance / participation in various class activities, homework, virtual or in-person experiences to demonstrate completion of tasks

Summative Assessments

final projects (class presentations, videos, etc), interviews, quizzes, and tests

RESOURCES (Instructional, Supplemental, Intervention Materials)

- Youtube.com
- Homeadvisor.com
- eHow.com
- Howcast.com
- <https://www.diynetwork.com/how-to/maintenance-and-repair/repairing/6-must-do-outdoor-spring-home-maintenance-tasks-pictures>
- <https://hometipsforwomen.com/exterior-home-maintenance-checklist>

INTERDISCIPLINARY CONNECTIONS

Use the skills acquired to assess:

- Sidewalks and driveways – may have holes and cracks which could cause accidents.
- Windows – might need a cleaning and again, you might want to hire someone to do the second floor if your windows don't tilt.
- Mailboxes – often taking a beating where there's snow, so it's one more item on our exterior home maintenance.
- Lawn care – might mean getting your lawn mower serviced or arranging for professional lawn care.
- Irrigation systems – need to be tested to make sure they're ready for the growing season.
- Yard clean-up – includes cleaning up fallen branches and/or trimming trees and bushes, and adding

mulch.

- Pool and air conditioning systems –take care of these early.

ACCOMMODATIONS & MODIFICATIONS FOR SUBGROUPS

See link to Accommodations & Modifications document in course folder.