

## Objective

By the end of this lesson, Jordan will have a foundational understanding of car mechanics, including basic terminology, the importance of regular vehicle maintenance, and how to perform simple tasks. This lesson will integrate various subjects, enhancing critical thinking, logic, and practical life skills.

## Materials and Prep

- Notebook and pen for taking notes
- Car maintenance videos (found online)
- Basic car tool set (if available)
- Printed worksheets on car parts and functions
- Recipe for a simple meal (for Home Ec activity)
- ASL resources for car-related vocabulary

Before starting the lesson, ensure that Jordan is familiar with basic car parts and has access to a safe space to practice any hands-on activities.

## Activities

- **Video Exploration:** Watch a series of short videos on car maintenance and mechanics. After each video, discuss what was learned and write down new vocabulary words.
- **Hands-On Practice:** If a car is available, practice checking the oil level, tire pressure, and windshield wiper fluid. If not, use a model or diagrams to simulate the process.
- **Cooking Challenge:** Prepare a simple meal that requires following a recipe. Discuss how following instructions is similar to following a manual for car repairs.
- **ASL Vocabulary:** Learn and practice American Sign Language (ASL) signs related to car mechanics, such as "car," "engine," and "repair." Create a mini-presentation using the signs learned.
- **Logic Puzzles:** Solve car-related logic puzzles or riddles that require critical thinking and problem-solving skills.

## Talking Points

- "Understanding how a car works helps you appreciate the engineering behind it and can save you money on repairs."
- "Regular maintenance is like a health check-up for your car; it keeps everything running smoothly."
- "Learning basic car mechanics can give you confidence and independence as a driver."
- "Using ASL to communicate about cars is a fun way to combine language learning with practical skills!"
- "Cooking is a lot like mechanics; both require following steps and sometimes troubleshooting when things don't go as planned."
- "Logic puzzles help you develop problem-solving skills that are essential in both mechanics and everyday life."
- "Every car part has a specific function, just like every person has a role in a team."
- "Being able to articulate what you learn about cars can help you teach others, reinforcing your own understanding."