

Master Objective List

Project Title: ACME Students Changing Tire

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Number	Task	Type
1	<ul style="list-style-type: none">• Task: Demonstrate procedures for replacing a car tire• Conditions: Given tire changing equipment, a car with a flat tire, and a spare tire• Standard: Students will be able to<ul style="list-style-type: none">• Identify tire changing terms and equipment• Chock a car• Employ a scissor jack• Remove a flat tire• Install a spare tire• Secure the new tire• Perform post-tire changing procedures	Terminal :
1.1	<ul style="list-style-type: none">• Task: Identify tire changing terms and equipment• Conditions: Given tire changing equipment and a car with a flat tire• Standard: Students will be able to identify<ul style="list-style-type: none">• Wheel chocks• Scissor jack• Scissor jack's top bracket• Scissor jack's handle• Lug wrench• Lug nuts• Spindle• Spare tire	Enabling:
1.2	<ul style="list-style-type: none">• Task: Properly chock a car• Conditions: Given tire changing equipment and a car with a flat tire• Standard: Students will demonstrate placing the chock<ul style="list-style-type: none">• On a tire diagonally opposite the flat tire• On the downhill side of the tire when on an incline• On the side opposite the jack if on level ground	Enabling:
1.3	<ul style="list-style-type: none">• Task: Employ a scissor jack• Conditions: Given tire changing equipment and a car properly chocked with a flat tire• Standard: Students will demonstrate<ul style="list-style-type: none">• Matching the jack's top bracket to slot on the car• Inserting the handle into the jack• Turning handle clockwise• Raising the tire without losing ground contact	Enabling:

1.4	<ul style="list-style-type: none"> • Task: Remove a flat tire • Conditions: Given tire changing equipment and a car properly chocked and jacked with a flat tire • Standard: Students will demonstrate <ul style="list-style-type: none"> • Loosening the lugs with a lug wrench • Removing the lugs • Raising the tire up approx. 3 to 5 inches • Placing hands on the 8 and 2 (or 10 and 4) o'clock position and pulling tire off of spindle 	Enabling:
1.5	<ul style="list-style-type: none"> • Task: Install a spare tire • Conditions: Given tire changing equipment, a car properly chocked and jacked, and a spare tire • Standard: Students will demonstrate <ul style="list-style-type: none"> • Raising the jack another 3 to 5 inches • Rolling spare tire over to spindle • Using the 8 and 2 (or 10 and 4) o'clock method to place the spare tire on the spindle 	Enabling:
1.6	<ul style="list-style-type: none"> • Task: Secure the new tire • Conditions: Given a tire changing equipment and a properly jacked and chocked car with an unsecured spare tire • Standard: Students will demonstrate <ul style="list-style-type: none"> • Lowering the jack down to ground contact • Tightening the lugs using the STAR method until receiving pressure • Repeat the process until lugs are fully tightened 	Enabling:

1.7	<ul style="list-style-type: none">• Task: Perform post-tire changing procedures• Conditions: Given a properly jacked and chocked car• Standard: Students will demonstrate<ul style="list-style-type: none">• Fully lowering and removing the jack• Removing the chocks• Storing equipment	Enabling:
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