

Course Title – Health II (Drivers Ed.)

Implement start year – 2015-2016

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Unit # 3, topic – Understanding Motor Vehicles

Transfer Goal –

Students will be able to independently use their learning to perform standard car maintenance and to develop the physical driving skills for basic vehicle maneuvers.

Stage 1 – Desired Results

Established Goals

2.1 Wellness: All students will acquire health promotion concepts and skills to support a healthy, active lifestyle
D. Safety

2.2 Integrated Skills: All students will develop and use personal and interpersonal skills to support a healthy, active lifestyle
D. Advocacy and Service

21st Century Themes
(www.21stcenturyskills.org)

- Global Awareness
- Financial, Economic, Business and Entrepreneurial Literacy
- Civic Literacy
- Health Literacy
- Environmental Literacy

21st Century Skills

Learning and Innovation Skills:

- Creativity and Innovation
- Critical Thinking and Problem Solving
- Communication and Collaboration

Information, Media and Technology Skills:

- Information Literacy
- Media Literacy
- ICT (Information, Communications and Technology) Literacy

	<p><i>Life and Career Skills:</i></p> <p><input type="checkbox"/> Flexibility and Adaptability</p> <p><input checked="" type="checkbox"/> Initiative and Self-Direction</p> <p><input checked="" type="checkbox"/> Social and Cross-Cultural Skills</p> <p><input checked="" type="checkbox"/> Productivity and Accountability</p> <p><input checked="" type="checkbox"/> Leadership and Responsibility</p>
<p><u>Enduring Understandings:</u> <i>Students will understand that . . .</i></p> <p><i>EU 1</i></p> <ul style="list-style-type: none"> • each component of a motor vehicle has specific functions. <p><i>EU 2</i></p> <ul style="list-style-type: none"> • it is important to know the various locations of gauges and controls. <p><i>EU 3</i></p> <ul style="list-style-type: none"> • knowledge of basic maneuvers is essential to safe driving. <p><i>EU 4</i></p> <ul style="list-style-type: none"> • preventative maintenance is essential for vehicle longevity. 	<p><u>Essential Questions:</u></p> <p><i>EU 1</i></p> <ul style="list-style-type: none"> • Why is each component important in a motor vehicle? • What are the dangers of ignoring warning lights on the instrument panel? • Why is it important to keep the owner’s manual in the vehicle when dealing with component problem? <p><i>EU 2</i></p> <ul style="list-style-type: none"> • Why do locations of gauges and controls differ from vehicle to vehicle? • Why is vehicle orientation important? • Is it better to have a manual vs automatic transmission? <p><i>EU 3</i></p> <ul style="list-style-type: none"> • What are challenges that drivers face when changing directions of their vehicle? • What are some precautions that drivers need to be aware of when performing turnabouts? • How does physics affect driver performance? • Should parking be a part of the road test? <p><i>EU 4</i></p> <ul style="list-style-type: none"> • What are basic preventative maintenance that all drivers should know? • What qualities make up a good mechanic?

Knowledge:

Students will know . . .

EU 1

- the differences of each function of a motor vehicle.

EU 2

- where to find controls and gauges in any given vehicle.

EU 3

- various maneuvers a driver will execute must be based on sound judgements and correct decisions.

EU 4

- the possible consequences of overlooking preventative vehicle maintenance.

Skills:

Students will be able to . . .

EU 1

- match the gauge/control to it's function.

EU 2

- identify each gauge and control on the instrument panel.

EU 3

- recognize when and where to perform driving maneuvers safely.

EU 4

- perform basic vehicle maintenance.

Stage 2 – Assessment Evidence

Recommended Performance Tasks.

Other Recommended Evidence:

- Quizzes
- Worksheets
- Class Discussions
- Group Presentations
- Role Playing
- Simulator Use

Stage 3 – Learning Plan

Suggested Learning Activities to Include Differentiated Instruction and Interdisciplinary Connections:

- Use the internet for researching proper turning maneuvers. (A)
- Video discussions of drivers making poor decisions behind the wheel. (A, M)
- Score card evaluation to assess the student's ability to make basic maneuvers. (M, T)
- Driver's Manual worksheets for car maintenance (A)
- Utilize simulators for driver evaluation (A, M, T)
- Create brochures on car maintenance. (A,M)
- Compare and contrast city parking and residential parking. (A, M)
- Compare and contrast manual and automatic transmission controls. (A, M)
- Locate controls and gauges on a dashboard diagram. (A)
- Matching worksheet of components with its proper functions. (A)