

# Auburn School District

# **Preventive Medicine**

|  | Total Framework Hours: 90            |
|--|--------------------------------------|
| CIP Code: 510913   Exploratory Preparatory | Date Last Modified: June 4, 2013     |
| Career Cluster: Health Science             | Career Pathway: Therapeutic Services |

### **Power Standards**

- PS 1: Explain how the five domains of health contribute to personal wellness.
- PS 2: Measure and analyze your health and fitness appraisal scores and identify areas where improvement is needed.
- PS 3: Prescribe and Modify Personal Fitness.
- **PS 4:** Demonstrate a basic understanding of kinesiology.
- **PS 5:** Demonstrate the ability to save a life.
- **PS 6:** Evaluate nutritional needs for a healthy lifestyle.
- **PS 7:** Describe concepts associated with Injury Prevention.
- **PS 8:** Evaluate and manage daily stressors.
- **PS 9:** Perform the therapeutic modality of massage therapy.

### **Unit Outline**

| Unit 1: | Introduction to Health and Wellness | 7  |
|---------|-------------------------------------|----|
| Unit 2: | Wellness Profile                    | 15 |
| Unit 3: | Principles of Exercise              | 18 |
| Unit 4: | Kinesiology                         | 10 |
| Unit 5: | CPR/First Aid/AED/Safety            | 10 |
| Unit 6: | Nutrition                           | 10 |
| Unit 7: | Sports Injuries                     | 5  |
| Unit 8: | Stress Management                   | 5  |
| Unit 9: | Massage Therapy                     | 10 |
|         | Total                               | 90 |

Hours

## **UNIT 1** Introduction to Health and Wellness

#### **Performance Assessments:**

Complete a Personal Wellness Wheel Final Written Assessment Independent Activity Project

#### Embedded Leadership Activities

21<sup>st</sup> Century interdisciplinary theme activity--health & safety: OSHA Project Independent Activity Project

#### STANDARDS AND COMPETENCIES

#### Standard/Unit:

PS 1: Explain how the Five Domains of Health contribute to personal wellness.

#### Competencies

**Total Learning Hours for Unit: 7** 

1.1 Describe the five domains of health.

1.2 Describe a variety of careers within the health/medical field.

1.3 Explain how balance affects the components of wellness.

|   | ALIGNED WASHINGTON STATE STANDARDS   |
|---|--|
| Communications<br>COMMON CORE<br>Speaking and<br>Listening<br>Standards | <ul> <li>SL1 Initiate and participate effectively in a range of collaborative discussions (one-on-one, in groups, and teacher-led) with diverse partners on grades 11–12 topics, texts, and issues, building on others' ideas and expressing their own clearly and persuasively.</li> <li>a. Come to discussions prepared, having read and researched material under study; explicitly draw on that preparation by referring to evidence from texts and other research on the topic or issue to stimulate a thoughtful, well-reasoned exchange of ideas.</li> <li>b. Work with peers to promote civil, democratic discussions and decision making, set clear goals and deadlines, and establish individual roles as needed.</li> <li>c. Propel conversations by posing and responding to questions that probe reasoning and evidence; ensure a hearing for a full range of positions on a topic or issue; clarify, verify, or challenge ideas and conclusions; and promote divergent and creative perspectives.</li> <li>d. Respond thoughtfully to diverse perspectives; synthesize comments, claims, and evidence made on all sides of an issue; resolve contradictions when possible; and determine what additional information or research is required to deepen the investigation or complete the task.</li> <li>SL2 Integrate multiple sources of information presented in diverse formats and media (e.g., visually, quantitatively, orally) in order to make informed decisions and solve problems, evaluating the credibility and accuracy of each source and noting any discrepancies among the data.</li> <li>SL3 Evaluate a speaker's point of view, reasoning, and use of evidence and rhetoric, assessing the stance, premises, links among ideas, word choice, points of emphasis, and tone used.</li> <li>SL4 Present information, findings, and supporting evidence, conveying a clear and distinct perspective, such that listeners can follow the line of reasoning, alternative or opposing perspectives are addressed, and the organization, development, substance, and style are appropriate to purpose</li></ul> |

| understanding of findings, responding, and suidenes and to add interest  |  |  |
|--|--|--|
| understanding of findings, reasoning, and evidence and to add interest.  |  |  |
| 1.2.4 Analyzes safety and the importance of fitness in the work environment.   |  |  |
| 1.3.1 Analyzes the components of health-related fitness  |  |  |
| 1.4.2 Analyzes and/or evaluates the components of skill-related fitness as related to careers/occupations/recreation.            |  |  |
| 2.1: Understands dimensions and indicators of health.  |  |  |
| 2.1.1 Evaluates dimensions of health and relates to personal health behaviors.   |  |  |
| 2.4: Acquires skills to live safely and reduce health risks.   |  |  |
| 3.2: Evaluates health and fitness information.   |  |  |
| 3.3: Evaluates the impact of social skills on health.  |  |  |
| 4.1 Analyzes personal health and fitness information.  |  |  |
| 4.1.1 Analyzes daily health and fitness habits.  |  |  |
| 4.1.2 Analyzes career opportunities in health and fitness.   |  |  |
| 4.2.2 Understands barriers to physical activity and a healthy lifestyle.   |  |  |
| WHST4 Produce clear and coherent writing in which the development, organization, and style are appropriate to task, purpose, and |  |  |
| audience.  |  |  |
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| UNIT 2 Wel  | Iness Profile                         |
|---|---------------------------------------|
| Performance Assessments:  |                                       |
| Complete Personal Wellness Profile  |                                       |
| Embedded Leadership Activities  |                                       |
| 21 <sup>st</sup> Century interdisciplinary themehealth literacy: Fitness Plan |                                       |
| STANDARDS AN  | D COMPETENCIES                        |
| Standard/Unit:  |                                       |
| PS 2: Measure and analyze your health and fitness appraisal scores and identi | fy areas where improvement is needed. |
| Competencies  | Total Learning Hours for Unit: 15     |
| 2.1 Describe a variety of wellness tests, including                           |                                       |
| Cardiovascular  |                                       |
| Strength  |                                       |
| Muscle endurance  |                                       |
| Flexibility   |                                       |

2.2 Explain different approaches for testing body composition.

|  | ALIGNED WASHINGTON STATE STANDARDS  |  |  |
|--|---|--|--|
| Communications                           | SL1 Initiate and participate effectively in a range of collaborative discussions (one-on- one, in groups, and teacher-led) with diverse partners on grades 11–12 topics, texts, and issues, building on others' ideas and expressing their own clearly and persuasively.  |  |  |
| COMMON CORE<br>Speaking and<br>Listening | SL2 Integrate multiple sources of information presented in diverse formats and media (e.g., visually, quantitatively, orally) in order to make informed decisions and solve problems, evaluating the credibility and accuracy of each source and noting any discrepancies among the data.   |  |  |
| Standards                                | SL3 Evaluate a speaker's point of view, reasoning, and use of evidence and rhetoric, assessing the stance, premises, links among ideas, word choice, points of emphasis, and tone used.   |  |  |
|  | SL4 Present information, findings, and supporting evidence, conveying a clear and distinct perspective, such that listeners can follow the line of reasoning, alternative or opposing perspectives are addressed, and the organization, development, substance, and style are appropriate to purpose, audience, and a range of formal and informal tasks. |  |  |
| Health and                               | 1.2 Acquires the knowledge and skills to safely participate in a variety of developmentally appropriate physical activities.  |  |  |
| Fitness                                  | 1.2.1 Applies and/or analyzes how to perform activities and tasks safely and appropriately.   |  |  |
|  | 1.3: Understands and evaluates the components of health-related fitness and interprets information from feedback, evaluation, and self-assessment in order to improve performance.  |  |  |
|  | 1.3.1 Analyzes the components of health-related fitness   |  |  |
|  | 1.3.2 Analyzes the progress of a personal fitness plan  |  |  |
|  | 1.4: Understands and evaluates the components of skill-related fitness and interprets information from feedback, evaluation, and self-<br>assessment in order to improve performance.   |  |  |

| 1.5.1  | Analyzes and/or evaluates the relationship of nutrition planning to physical performance and body composition. |
|--------|--|
| 2.1:   | Understands dimensions and indicators of health.   |
| 2.1.1  | Evaluates dimensions of health and relates to personal health behaviors.                                       |
| 2.2.3  | Evaluates hereditary factors affecting growth, development, and health.  |
| 2.4:   | Acquires skills to live safely and reduce health risks.  |
| 3.1:   | Understands how family, culture, and environmental factors affect personal health.                             |
| 3.2: E | valuates health and fitness information.   |
| 4.1    | Analyzes personal health and fitness information.  |
| 4.1.1  | Analyzes daily health and fitness habits.  |
| 4.2    | Develops and monitors a health and fitness plan.   |
| 4.2.2  | Understands barriers to physical activity and a healthy lifestyle.   |

## **UNIT 3** Principles of Exercise

### **Performance Assessments:**

- Identify the key components of a complete fitness program.
- Apply the overload principle to your specific workout.
- Design a formal warm-up and cool-down session for your exercise program.
- Target Heart Rate Lab: Identify your target heart rate and determine whether your exercise program is intense enough to elevate and maintain your heart rate within that range.
- Evaluate various exercise programs in terms of their effectiveness in developing aerobic fitness, muscular strength, muscular endurance, and flexibility, and in lowering body fat and improving lean body mass.
- Personal Fitness Profile
- Jump Rope Skills: Written Assessment, Final Assessment
- Design a warm up and cool down that incorporates rope jumping, including timing and coordination with 20 different skills.

#### Embedded Leadership Activities

Partner Activities: Warm-up, Stretching, Jump Rope, Physioball

#### STANDARDS AND COMPETENCIES

#### Standard/Unit:

PS 3: Prescribe and Modify Personal Fitness.

#### **Competencies**

3.1 Explain the process to improve cardiorespiratory function, including:

- Body composition.
- Flexibility
- Muscular strength.
- Muscular endurance.
- 3.2 Understand application of the FITT Principle.
- 3.3 Explain the steps involved in warm up and cool down
- 3.4 Describe cardiovascular training zone
- 3.5 State the health benefits of a lifetime fitness program.

| ALIGNED WASHINGTON STATE STANDARDS |  |  |
|------------------------------------|--|--|
|                                    | SL1 Initiate and participate effectively in a range of collaborative discussions (one-on- one, in groups, and teacher-led) with diverse partners on grades 11–12 topics, texts, and issues, building on others' ideas and expressing their own clearly and persuasively. |  |
| Communications                     | SL2 Integrate multiple sources of information presented in diverse formats and media (e.g., visually, quantitatively, orally) in order to make informed decisions and solve problems, evaluating the credibility and accuracy of each source and noting any              |  |
| COMMON CORE                        | discrepancies among the data.  |  |
| Speaking and                       | SL3 Evaluate a speaker's point of view, reasoning, and use of evidence and rhetoric, assessing the stance, premises, links among   |  |
| Listening Standards                | ideas, word choice, points of emphasis, and tone used.<br>SL4 Present information, findings, and supporting evidence, conveying a clear and distinct perspective, such that listeners can follow   |  |
|                                    | the line of reasoning, alternative or opposing perspectives are addressed, and the organization, development, substance, and   |  |

**Total Learning Hours for Unit: 18** 

|   | style are appropriate to purpose, audience, and a range of formal and informal tasks.   |                    |   |  |
|---|---|--------------------|---|--|
|   | SL5 Make strategic use of digital media (e.g., textual, graphical, audio, visual, and interactive elements) in presentations to enhance |                    |   |  |
|   | understanding of findings, reasoning, and evidence and to add interest.   |                    |   |  |
| 1.1 Develops motor skills and movement concepts as developmentally appropriate.   |   |                    |   |  |
|   | 1.1.1 Applies and/or evaluates complex motor skills and movement concepts to activities to enhance a physically active life.            |                    |   |  |
|   | 1.2 Acquires the knowledge and skills to safely participate in a variety of developmentally appropriate physical activities.            |                    |   |  |
| <ul> <li>1.2.1 Applies and/or analyzes how to perform activities and tasks safely and appropriately.</li> <li>1.2.2 Applies and/or evaluates skills and strategies necessary for effective participation in physical activities.</li> <li>1.3: Understands and evaluates the components of health-related fitness and interprets information from feedback, evaluate</li> </ul> |   |                    |   |  |
|   |   |                    | self-assessment in order to improve performance.        |  |
|   |   | Health and Fitness | 1.3.1 Analyzes the components of health-related fitness |  |
|   | 1.4.1 Applies and/or analyzes the components of skill-related fitness to physical activity.   |                    |   |  |
|   | 1.5 Understands relationship of nutrition and food nutrients to body composition and physical performance.                              |                    |   |  |
|   | 2.1: Understands dimensions and indicators of health.   |                    |   |  |
|   | 2.1.1 Evaluates dimensions of health and relates to personal health behaviors.  |                    |   |  |
|   | 2.4: Acquires skills to live safely and reduce health risks.  |                    |   |  |
| 3.2: Evaluates health and fitness information.  |   |                    |   |  |
|   | 4.2.2 Understands barriers to physical activity and a healthy lifestyle.  |                    |   |  |
| Reading   | RST3 Follow precisely a complex multistep procedure when carrying out experiments, taking measurements, or performing technical         |                    |   |  |
| COMMON CORE   | tasks; analyze the specific results based on explanations in the text.  |                    |   |  |
|   |   |                    |   |  |

| UNIT 4 Kinesiology  |                                   |
|---|-----------------------------------|
| Performance Assessments:  |                                   |
| Explain the function of prime movers, antagonists, synergists, and fixators, and describe how each promo<br>Identify the principal skeletal muscles in different regions of the body by name and action.<br>Develop a personalized fitness program that conditions needed muscles for selected activities.<br>Written Test<br>Sport Skill Analysis Practice<br>Final Assessment | otes normal muscular function.    |
| Embedded Leadership Activities  |                                   |
| 21 <sup>st</sup> Century interdisciplinary skill—Information, media and technology: ADAM<br>Sports Skill Analysis   |                                   |
| STANDARDS AND COMPETENCIES  |                                   |
| Standard/Unit:  |                                   |
| <b>PS 4:</b> Demonstrate a basic understanding of kinesiology.  |                                   |
| Competencies  | Total Learning Hours for Unit: 10 |
| 1.4 Identify mysele groups in the hyperse hady  |                                   |

- 4.1 Identify muscle groups in the human body.4.2 Describe joint actions in the human body.

| ALIGNED WASHINGTON STATE STANDARDS                                      |  |  |  |
|---|--|--|--|
| Communications<br>COMMON CORE<br>Speaking and<br>Listening<br>Standards | <ul> <li>SL1 Initiate and participate effectively in a range of collaborative discussions (one-on- one, in groups, and teacher-led) with diverse partners on grades 11–12 topics, texts, and issues, building on others' ideas and expressing their own clearly and persuasively.</li> <li>SL2 Integrate multiple sources of information presented in diverse formats and media (e.g., visually, quantitatively, orally) in order to make informed decisions and solve problems, evaluating the credibility and accuracy of each source and noting any discrepancies among the data.</li> <li>SL3 Evaluate a speaker's point of view, reasoning, and use of evidence and rhetoric, assessing the stance, premises, links among ideas, word choice, points of emphasis, and tone used.</li> <li>SL4 Present information, findings, and supporting evidence, conveying a clear and distinct perspective, such that listeners can follow</li> </ul> |  |  |
|   | the line of reasoning, alternative or opposing perspectives are addressed, and the organization, development, substance, and style are appropriate to purpose, audience, and a range of formal and informal tasks.   |  |  |
| Health and Fitness  | <ul> <li>1.1 Develops motor skills and movement concepts as developmentally appropriate.</li> <li>1.1.1 Applies and/or evaluates complex motor skills and movement concepts to activities to enhance a physically active life.</li> <li>1.1.5 Applies and/or evaluates understanding of movement concepts.</li> <li>1.2 Acquires the knowledge and skills to safely participate in a variety of developmentally appropriate physical activities.</li> <li>1.2.1 Applies and/or evaluates skills and strategies necessary for effective participation in physical activities.</li> <li>1.3.1 Analyzes the components of health-related fitness</li> <li>2.1: Understands dimensions and indicators of health.</li> <li>2.4: Acquires skills to live safely and reduce health risks.</li> <li>3.2: Evaluates health and fitness information.</li> </ul>  |  |  |

| [ | 4.2.2 | Understands barriers to physical activity and a healthy lifestyle. |
|---|-------|--|
|   |       |  |

## UNIT 5 CPR/First Aid/AED/Safety

#### **Performance Assessments:**

- Recognize an emergency.
- List the three general steps in the emergency plan.
- Call EMS and give necessary information.
- Demonstrate how to check a conscious victim.
- Demonstrate how to check an unconscious victim.
- List the signals of a breathing emergency.
- List the signals of a heart emergency.
- Demonstrate how to care for a person who is not breathing, is choking or is in cardiac arrest.
- List four risk factors associated with increased incidence of Cardiovascular disease.
- Recognize an injury or sudden illness.
- Demonstrate how to control bleeding.
- Demonstrate how to care for muscle, bone, and joint injuries.
- Describe how to care for sudden illness.
- List the general care steps
- Skill Competency Checklist
- Practical Certification
- Written Assessment and National Certification
  - o Red Cross
  - o American Heart
  - Emergency Management Practitioners of America

#### Embedded Leadership Activities

21<sup>st</sup> Century interdisciplinary theme activity—health literacy

Peer Coaching

#### STANDARDS AND COMPETENCIES

#### Standard/Unit:

**PS 5:** Demonstrate the ability to save a life.

#### Competencies

- 5.1 Explain the implications of giving care in an emergency situation.
- 5.2 Perform a head to toe exam.
- 5.3 Perform the procedures for an unconscious assessment.
- 5.4 Perform the procedures for CPR and AED.
- 5.5 Perform the procedures for conscious and unconscious choking.
- 5.6 Demonstrate the ability to care for an injured bystander, including
  - Bleeding
  - Shock

**Total Learning Hours for Unit: 10** 

- Sudden illness
- Heat and cold emergencies
- Fractures
- Burns
- 5.7 Participate in a self-defense program.

| ALIGNED WASHINGTON STATE STANDARDS |   |  |
|------------------------------------|---|--|
|                                    | SL1 Initiate and participate effectively in a range of collaborative discussions (one-on- one, in groups, and teacher-led) with diverse partners on grades 11–12 topics, texts, and issues, building on others' ideas and expressing their own clearly and persuasively.  |  |
| Communications                     | SL2 Integrate multiple sources of information presented in diverse formats and media (e.g., visually, quantitatively, orally) in order to make informed decisions and solve problems, evaluating the credibility and accuracy of each source and noting any   |  |
| COMMON CORE<br>Speaking and        | discrepancies among the data.<br>SL3 Evaluate a speaker's point of view, reasoning, and use of evidence and rhetoric, assessing the stance, premises, links among ideas, word choice, points of emphasis, and tone used.  |  |
| Listening Standards                | SL4 Present information, findings, and supporting evidence, conveying a clear and distinct perspective, such that listeners can follow the line of reasoning, alternative or opposing perspectives are addressed, and the organization, development, substance, and style are appropriate to purpose, audience, and a range of formal and informal tasks.   |  |
| Health and Fitness                 | <ul> <li>1.2 Acquires the knowledge and skills to safely participate in a variety of developmentally appropriate physical activities.</li> <li>1.2.1 Applies and/or analyzes how to perform activities and tasks safely and appropriately.</li> <li>1.2.4 Analyzes safety and the importance of fitness in the work environment.</li> <li>2.1: Understands dimensions and indicators of health.</li> <li>2.4: Acquires skills to live safely and reduce health risks.</li> <li>2.4.1 Understands types of abuse and risky situations and how to respond appropriately and safely.</li> <li>2.4.2 Evaluates emergency situations, ways to prevent injuries, and demonstrates skills to respond appropriately and safely.</li> <li>3.1.2 Analyzes how environmental factors impact health.</li> <li>3.2: Evaluates health and fitness information.</li> <li>3.3.1 Analyzes conflict situations</li> <li>4.2.2 Understands barriers to physical activity and a healthy lifestyle.</li> </ul> |  |

| UNIT 6 Nutrition   |                                   |
|--|-----------------------------------|
| Performance Assessments:   |                                   |
| Discuss the functions of the six categories of nutrients in the diet.<br>Compare carbohydrates, fats, and protein in terms of how each provides energy to the body.<br>Describe a sound nutritional plan based on the RDA, and the nutritional pyramid.<br>Do a nutritional analysis of food intake.<br>Demonstrate ability to read food labels.<br>Discuss the role of nutrition in the prevention of disease.<br>Describe the special nutritional needs of the active individual.<br>Dispel common nutritional myths.<br>Written Assessment<br>Final Assessment<br><b>Embedded Leadership Activities</b> |                                   |
| Information, Media and Technology—Choose MyPlate.gov<br>STANDARDS AND COMPETENC  | MES                               |
| Standard/Unit:   |                                   |
| <b>PS 6:</b> Evaluate nutritional needs for a healthy lifestyle.   |                                   |
| Competencies   | Total Learning Hours for Unit: 10 |
| <ul> <li>6.1 Describe basic elements of nutrients.</li> <li>6.2 Explain guidelines associated with choosemyplate.gov.</li> <li>6.3 Explain medical terms associated with nutrition.</li> <li>6.4 Distinguish between facts and myths associated with nutrition.</li> </ul>   |                                   |
| 6.5 Describe various disorders and diseases associated with nutrition.   |                                   |

| ALIGNED WASHINGTON STATE STANDARDS                                   |   |  |
|--|---|--|
| Communications<br>COMMON CORE<br>Speaking and<br>Listening Standards | <ul> <li>SL1 Initiate and participate effectively in a range of collaborative discussions (one-on- one, in groups, and teacher-led) with diverse partners on grades 11–12 topics, texts, and issues, building on others' ideas and expressing their own clearly and persuasively.</li> <li>SL2 Integrate multiple sources of information presented in diverse formats and media (e.g., visually, quantitatively, orally) in order to make informed decisions and solve problems, evaluating the credibility and accuracy of each source and noting any discrepancies among the data.</li> <li>SL3 Evaluate a speaker's point of view, reasoning, and use of evidence and rhetoric, assessing the stance, premises, links among ideas, word choice, points of emphasis, and tone used.</li> <li>SL4 Present information, findings, and supporting evidence, conveying a clear and distinct perspective, such that listeners can follow the line of reasoning, alternative or opposing perspectives are addressed, and the organization, development, substance, and style are appropriate to purpose, audience, and a range of formal and informal tasks.</li> </ul> |  |
| Health and Fitness   | 1.3: Understands and evaluates the components of health-related fitness and interprets information from feedback, evaluation, and self-assessment in order to improve performance.  |  |

| 1 5  | Understands relationship of nutrition and food nutriants to body composition and physical parformance            |
|------|--|
| 1.5  | Understands relationship of nutrition and food nutrients to body composition and physical performance.           |
| 1.5. | 1 Analyzes and/or evaluates the relationship of nutrition planning to physical performance and body composition. |
| 1.5. | 2 Evaluates how nutritional requirements change.   |
| 1.5. | 4 Evaluates how healthy and unhealthy eating patterns impact the function of the body.                           |
| 2.1: | Understands dimensions and indicators of health.   |
| 2.1. | 1 Evaluates dimensions of health and relates to personal health behaviors.                                       |
| 2.2. | 3 Evaluates hereditary factors affecting growth, development, and health.  |
| 2.3: | Understands the concepts of prevention and control of disease.   |
| 2.4: | Acquires skills to live safely and reduce health risks.  |
| 3.2: | Evaluates health and fitness information.  |
| 4.1. | 1 Analyzes daily health and fitness habits.  |
| 4.2. | 2 Understands barriers to physical activity and a healthy lifestyle.   |

| UNIT 7 Sports In   | ijuries                          |
|--|----------------------------------|
| Performance Assessments:   |                                  |
| Design a ten point injury prevention plan for someone who is about to begin a new exercise   | se program.                      |
| Discuss the correct use of cold and heat in the treatment of exercise injuries.  |                                  |
| Demonstrate the correct technique of RICE therapy in the treatment of acute injuries.  |                                  |
| Explore indicators for potential low back, foot and leg injuries.  |                                  |
| Explore indicators for potential foot and leg injuries.<br>Final Assessment  |                                  |
| Embedded Leadership Activities   |                                  |
| 21 <sup>st</sup> Century Skills: Critical Thinking and Problem-Solving <b>STANDARDS AND COM</b>  | PETENCIES                        |
| Standard/Unit:   |                                  |
|  |                                  |
| PS 7: Describe concepts associated with Injury Prevention.   |                                  |
| PS 7: Describe concepts associated with Injury Prevention. Competencies  | Total Learning Hours for Unit: 5 |
|  | Total Learning Hours for Unit: 5 |
| Competencies         7.1       Compare and contrast sprains, strains and contusions.         7.2       Explain when to use ice vs. heat in an injury scenario. | Total Learning Hours for Unit: 5 |
| Competencies         7.1       Compare and contrast sprains, strains and contusions.   | Total Learning Hours for Unit: 5 |

| ALIGNED WASHINGTON STATE STANDARDS                                   |   |  |  |
|--|---|--|--|
| Communications<br>COMMON CORE<br>Speaking and<br>Listening Standards | <ul> <li>make informed decisions and solve problems, evaluating the credibility and accuracy of each source and noting any discrepancies among the data.</li> <li>SL3 Evaluate a speaker's point of view, reasoning, and use of evidence and rhetoric, assessing the stance, premises, links among ideas, word choice, points of emphasis, and tone used.</li> </ul>  |  |  |
| Health and Fitness   | <ul> <li>2.1: Understands dimensions and indicators of health.</li> <li>2.4: Acquires skills to live safely and reduce health risks.</li> <li>2.4.2 Evaluates emergency situations, ways to prevent injuries, and demonstrates skills to respond appropriately and safely.</li> <li>3.1.2 Analyzes how environmental factors impact health.</li> <li>3.2: Evaluates health and fitness information.</li> <li>3.2.1 Evaluates health and fitness information, products, and services.</li> <li>4.2.2 Understands barriers to physical activity and a healthy lifestyle.</li> </ul> |  |  |

# **UNIT 8 Stress Management**

#### **Performance Assessments:**

Exercise final

Participate in stress reduction activities such as yoga, mental imaging

#### **Embedded Leadership Activities**

21<sup>st</sup> Century interdisciplinary theme: health literacy—Understanding preventive physical and mental health measures, including proper diet, nutrition, exercise, risk avoidance and stress reduction.

#### STANDARDS AND COMPETENCIES

#### Standard/Unit:

PS 8: Evaluate and manage daily stressors.

#### **Competencies**

8.1 Define stress, stressor, and reactivity.

- 8.2 Describe the bodily changes that occur when a person experiences stress.
- 8.3 Explain the difference between distress and eustress.
- 8.4 Practice strategies for stress reduction.
- 8.5 Manage stress by using coping mechanisms at various levels of the stress response.
- 8.6 Prioritize time using time management strategies.
- 8.7 Use time management techniques to free up time for wellness activities.
- 8.8 Detail the role of exercise in the management of stress.

#### ALIGNED WASHINGTON STATE STANDARDS

| Communications       SL1 Initiate and participate effectively in a range of collaborative discussions (one-on- one, in groups, and teacher-led) with diverse partners on grades 11–12 topics, texts, and issues, building on others' ideas and expressing their own clearly and persuasively.         SL2 Integrate multiple sources of information presented in diverse formats and media (e.g., visually, quantitatively, orally) in order to make informed decisions and solve problems, evaluating the credibility and accuracy of each source and noting any discrepancies among the data.         SL3 Evaluate a speaker's point of view, reasoning, and use of evidence and rhetoric, assessing the stance, premises, links among ideas, word choice, points of emphasis, and tone used.         SL4 Present information, findings, and supporting evidence, conveying a clear and distinct perspective, such that listeners can follow the line of reasoning, alternative or opposing perspectives are addressed, and the organization, development, substance, and style are appropriate to purpose, audience, and a range of formal and informal tasks.         2.1:       Understands dimensions and indicators of health.         2.3:       Understands the concepts of prevention and control of disease.         2.4:       Acquires skills to live safely and reduce health risks.         2.4:       Creates personal stress-management strategies.         3.1:2       Analyzes how environmental factors impact health.         3.2:       Evaluates health and fitness information.         3.1:2       Analyzes conflict situations         4.2:2       Understands barriers to physical ac |                     |  |  |  |  |
|--|---------------------|--|--|--|--|
| Communications       SL2 Integrate multiple sources of information presented in diverse formats and media (e.g., visually, quantitatively, orally) in order to make informed decisions and solve problems, evaluating the credibility and accuracy of each source and noting any discrepancies among the data.         COMMON CORE Speaking and Listening Standards       SL3 Evaluate a speaker's point of view, reasoning, and use of evidence and rhetoric, assessing the stance, premises, links among ideas, word choice, points of emphasis, and tone used.         SL4 Present information, findings, and supporting evidence, conveying a clear and distinct perspective, such that listeners can follow the line of reasoning, alternative or opposing perspectives are addressed, and the organization, development, substance, and style are appropriate to purpose, audience, and a range of formal and informal tasks.         2.1:       Understands dimensions and indicators of health.         2.3:       Understands the concepts of prevention and control of disease.         2.4:       Acquires skills to live safely and reduce health risks.         2.4:       Acquires stress management strategies.         3.1.2       Analyzes to personal stress-management strategies.         3.1:2       Analyzes conflict situations   |                     |  |  |  |  |
| Communications       make informed decisions and solve problems, evaluating the credibility and accuracy of each source and noting any discrepancies among the data.         COMMON CORE Speaking and Listening Standards       SL3 Evaluate a speaker's point of view, reasoning, and use of evidence and rhetoric, assessing the stance, premises, links among ideas, word choice, points of emphasis, and tone used.         SL4 Present information, findings, and supporting evidence, conveying a clear and distinct perspective, such that listeners can follow the line of reasoning, alternative or opposing perspectives are addressed, and the organization, development, substance, and style are appropriate to purpose, audience, and a range of formal and informal tasks.         2.1:       Understands dimensions and indicators of health.         2.3:       Understands the concepts of prevention and control of disease.         2.4:       Acquires skills to live safely and reduce health risks.         2.4:       Creates personal stress-management strategies.         3.1.2       Analyzes how environmental factors impact health.         3.2:       Evaluates health and fitness information.         3.3.1       Analyzes conflict situations   |                     |  |  |  |  |
| COMMON CORE<br>Speaking and<br>Listening Standards       make informed decisions and solve problems, evaluating the credibility and accuracy of each source and noting any<br>discrepancies among the data.         SL3 Evaluate a speaker's point of view, reasoning, and use of evidence and rhetoric, assessing the stance, premises, links among<br>ideas, word choice, points of emphasis, and tone used.         SL4 Present information, findings, and supporting evidence, conveying a clear and distinct perspective, such that listeners can follow<br>the line of reasoning, alternative or opposing perspectives are addressed, and the organization, development, substance, and<br>style are appropriate to purpose, audience, and a range of formal and informal tasks.         2.1:       Understands dimensions and indicators of health.         2.3:       Understands the concepts of prevention and control of disease.         2.4:       Acquires skills to live safely and reduce health risks.         2.4:       Acquires skills to live safely and reduce health risks.         2.4:       Creates personal stress-management strategies.         3.1.2       Analyzes how environmental factors impact health.         3.2:       Evaluates health and fitness information.         3.3.1       Analyzes conflict situations   | Communications      |  |  |  |  |
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| Listening Standards       SL4 Present information, findings, and supporting evidence, conveying a clear and distinct perspective, such that listeners can follow the line of reasoning, alternative or opposing perspectives are addressed, and the organization, development, substance, and style are appropriate to purpose, audience, and a range of formal and informal tasks.         2.1:       Understands dimensions and indicators of health.         2.3:       Understands the concepts of prevention and control of disease.         2.4:       Acquires skills to live safely and reduce health risks.         2.4:       Acquires stress and how it relates to personal stress-management strategies.         3.1.2       Analyzes how environmental factors impact health.         3.2:       Evaluates health and fitness information.         3.3.1       Analyzes conflict situations   |                     | SL3 Evaluate a speaker's point of view, reasoning, and use of evidence and rhetoric, assessing the stance, premises, links among       |  |  |  |
| Health and Fitness       2.4.1       Creates personal stress-management strategies.         2.4.2       Analyzes stress and how it relates to personal stress-management strategies.         2.4.3       Analyzes now environmental factors impact health.         3.1.2       Analyzes conflict situations  |                     | ideas, word choice, points of emphasis, and tone used.   |  |  |  |
| style are appropriate to purpose, audience, and a range of formal and informal tasks.         2.1:       Understands dimensions and indicators of health.         2.3:       Understands the concepts of prevention and control of disease.         2.4:       Acquires skills to live safely and reduce health risks.         2.4:       Acquires stress and how it relates to personal stress-management strategies.         2.4.4       Creates personal stress-management strategies.         3.1.2       Analyzes how environmental factors impact health.         3.2:       Evaluates health and fitness information.         3.3.1       Analyzes conflict situations  | Listening Standards | SL4 Present information, findings, and supporting evidence, conveying a clear and distinct perspective, such that listeners can follow |  |  |  |
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| Health and Fitness       2.3: Understands the concepts of prevention and control of disease.         2.4: Acquires skills to live safely and reduce health risks.         2.4.3 Analyzes stress and how it relates to personal stress-management strategies.         2.4.4 Creates personal stress-management strategies.         3.1.2 Analyzes how environmental factors impact health.         3.2: Evaluates health and fitness information.         3.3.1 Analyzes conflict situations  |                     |  |  |  |  |
| Health and Fitness       2.4: Acquires skills to live safely and reduce health risks.         2.4.3       Analyzes stress and how it relates to personal stress-management strategies.         2.4.4       Creates personal stress-management strategies.         3.1.2       Analyzes how environmental factors impact health.         3.2:       Evaluates health and fitness information.         3.3.1       Analyzes conflict situations  |                     | 2.1: Understands dimensions and indicators of health.  |  |  |  |
| Health and Fitness       2.4.3 Analyzes stress and how it relates to personal stress-management strategies.         2.4.4 Creates personal stress-management strategies.         3.1.2 Analyzes how environmental factors impact health.         3.2: Evaluates health and fitness information.         3.3.1 Analyzes conflict situations   |                     | 2.3: Understands the concepts of prevention and control of disease.  |  |  |  |
| Health and Fitness       2.4.4       Creates personal stress-management strategies.         3.1.2       Analyzes how environmental factors impact health.         3.2:       Evaluates health and fitness information.         3.3.1       Analyzes conflict situations  |                     | 2.4: Acquires skills to live safely and reduce health risks.   |  |  |  |
| <ul><li>3.1.2 Analyzes how environmental factors impact health.</li><li>3.2: Evaluates health and fitness information.</li><li>3.3.1 Analyzes conflict situations</li></ul>  |                     | 2.4.3 Analyzes stress and how it relates to personal stress-management strategies.   |  |  |  |
| <ul><li>3.2: Evaluates health and fitness information.</li><li>3.3.1 Analyzes conflict situations</li></ul>  | Health and Fitness  | 2.4.4 Creates personal stress-management strategies.   |  |  |  |
| 3.3.1 Analyzes conflict situations   |                     | 3.1.2 Analyzes how environmental factors impact health.  |  |  |  |
|  |                     | 3.2: Evaluates health and fitness information.   |  |  |  |
| 4.2.2 Understands barriers to physical activity and a healthy lifestyle.   |                     | 3.3.1 Analyzes conflict situations   |  |  |  |
|  |                     | 4.2.2 Understands barriers to physical activity and a healthy lifestyle.   |  |  |  |

**Total Learning Hours for Unit: 5** 

| UNIT  | 9 Massage Therapy                 |
|---|-----------------------------------|
| Performance Assessments:  |                                   |
| Demonstrate the proper strokes used in Swedish Massage.           |                                   |
| Perform full body massage with proper techniques.                 |                                   |
| Apply the appropriate massage strokes and sequence on the part of | of the body receiving therapy.    |
| Embedded Leadership Activities                                    |                                   |
| Partner massage   |                                   |
| STAND   | ARDS AND COMPETENCIES             |
| Standard/Unit:  |                                   |
| <b>PS 9:</b> Perform the therapeutic modality of massage therapy. |                                   |
| Competencies  | Total Learning Hours for Unit: 10 |
| 9.1 Practice and demonstrate massage therapy techniques to inclu  | ude the following:                |
| Effleurage  |                                   |
| Petrissage  |                                   |
| Friction  |                                   |
| Tapotement  |                                   |
| Vibration   |                                   |
| 9.2 Demonstrate the sequence for massage therapy for each body    | part to include:                  |
| Back  |                                   |
| Hamstring   |                                   |
| Calf  |                                   |
| Foot  |                                   |
| Arms  |                                   |
| Hand  |                                   |
| • Head  |                                   |
| • Face  |                                   |
| Neck  |                                   |

| ALIGNED WASHINGTON STATE STANDARDS                 |   |  |
|--|---|--|
| Communications                                     | SL1 Initiate and participate effectively in a range of collaborative discussions (one-on- one, in groups, and teacher-led) with diverse partners on grades 11–12 topics, texts, and issues, building on others' ideas and expressing their own clearly and persuasively.<br>SL2 Integrate multiple sources of information presented in diverse formats and media (e.g., visually, quantitatively, orally) in order to   |  |
| COMMON CORE<br>Speaking and<br>Listening Standards | <ul> <li>Magnate matching observes of minimater procented in arrefere formate and model (e.g., violatily, quantitatively, orally) in order to make informed decisions and solve problems, evaluating the credibility and accuracy of each source and noting any discrepancies among the data.</li> <li>SL3 Evaluate a speaker's point of view, reasoning, and use of evidence and rhetoric, assessing the stance, premises, links among ideas, word choice, points of emphasis, and tone used.</li> </ul> |  |

|                    | SL4 Present information, findings, and supporting evidence, conveying a clear and distinct perspective, such that listeners can follow the line of reasoning, alternative or opposing perspectives are addressed, and the organization, development, substance, and style are appropriate to purpose, audience, and a range of formal and informal tasks. |
|--------------------|---|
| Health and Fitness | <ul> <li>2.1: Understands dimensions and indicators of health.</li> <li>2.4: Acquires skills to live safely and reduce health risks.</li> <li>3.2: Evaluates health and fitness information.</li> <li>4.2.2 Understands barriers to physical activity and a healthy lifestyle.</li> </ul>   |

| 21 <sup>st</sup> CENTURY SKILLS<br>Check those that students will demonstrate in this standard/unit: |  |  |  |
|--|--|--|--|
|  |  |  |  |