



Wolcott Public Schools

**154 Center Street
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High School Curriculum Grades 9-12 First Aid: Responding to Emergencies



Children are our Future...

Acknowledgements

Curriculum Writers: *Christine Lofgren MSN, RN*

We acknowledge and celebrate the professionalism, expertise, and diverse perspectives of these teachers. Their contributions to this curriculum enrich the educational experiences of all Wolcott students.

Dr. Robert Eberle
Interim Assistant Superintendent

Date of Presentation to the Board of Education: May 21, 2012

First Aid: Responding to Emergencies

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Mission Statement:

The mission of the Wolcott Public Schools is to develop in each student the knowledge, skills, and attitudes necessary to become a productive member of the community and a contributing member of society.

Departmental Philosophy:

Wolcott High School's Applied Education Department believes its courses are an integral part of the total academic structure that provides students with competencies to be competitive in a medical-oriented society. The mission of this program is to ensure that students have the opportunity to coherent and rigorous content aligned with challenging standard, applicable technical knowledge, and skills needed to prepare for advanced education and careers in up-and-coming medical education.

Course Description:

The mission of the American Red Cross and this course is to train laypersons to respond appropriately in emergency situations. This course will teach the students the skills they need to cope with emergency situations until emergency medical personnel arrive. The students will be better prepared to recognize emergencies, make first aid decisions, and provide care with little or no first aid supplies or equipment available. The students will be certified through the American Red Cross upon successful completion of skills and written exam. Skills USA competition and leadership events are part of this course.

FIRST AID: RESPONDING TO EMERGENCIES

Content Standard: *Red Cross certification* means that on a particular date an instructor verified that a course participant could demonstrate competency in all required skills taught in the course. *Competency* is defined as being able to perform each skill to meet the objective without guidance and apply those skills in a simulated emergency.

<i>Performance Standards</i>	<i>Sample Activities</i>	<i>Assessment Strategies</i>	<i>Resources</i>
<p>*Student will correctly perform removing gloves</p> <p>*Student will correctly perform checking an ill or injured adult</p> <p>*Student will correctly perform checking an ill or injured child or infant</p> <p>*Student will correctly perform CPR on an adult</p> <p>*Student will correctly perform CPR on a child</p> <p>*Student will correctly perform CPR on an infant</p> <p>*Student will correctly perform AED on an adult or child older than 8 years or weighing more than 55 pounds</p> <p>*Student will correctly perform AED on a child and infant younger than 8 years and weighing less than 55 pounds</p>	<ul style="list-style-type: none"> •Notes •Terms •Study Guides •Homework Questions •Applying and remove gloves •Perform CPR on an adult manikin •Perform CPR on a child manikin •Perform CPR on an infant manikin •Use an AED on an adult manikin •Use an AED on a child manikin 	<p>A combination of the following based on school wide and course specific rubrics:</p> <ul style="list-style-type: none"> •Pre-Assessment <ul style="list-style-type: none"> -pretests -checklists -observations -self evaluation & questions •Formative Assessments <ul style="list-style-type: none"> -questioning student -conferencing -peer evaluation -observation -performance tasks -exit cards/clickers -quizzes -self evaluation -homework -skill practice •Summative Assessments <ul style="list-style-type: none"> -performance tasks -chapter tests -semester exams -product/exhibits/displays -demonstrations 	<p style="text-align: center;">American Red Cross. First Aid/CPR/AED Participant Manual (2011). Staywell Health & Safety Solutions. Yardley, PA</p> <p>~Audiovisuals American Red Cross- First Aid/CPR/AED- 2011</p> <p>~Before Giving Care and Checking an Injured or Ill Person</p> <ul style="list-style-type: none"> ■ Introduction ■ What Would You Do? ■ Checking an Unconscious Adult and Child ■ Checking an Unconscious Infant ■ Shock ■ Bloodborne Pathogens Training: Preventing Disease Transmission <p>~Cardiac Emergencies and CPR</p> <ul style="list-style-type: none"> ■ Recognizing and Caring for Cardiac Emergencies ■ CPR—Adult and Child ■ Putting It All Together: CPR—Adult ■ CPR—Infant ■ Putting It All Together: CPR—Infant ■ Hands-Only CPR ■ The Heart’s Electrical System <p>AED</p> <ul style="list-style-type: none"> ■ Using an AED

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<i>Performance Standards</i>	<i>Sample Activities</i>	<i>Assessment Strategies</i>	<i>Resources</i>
<p>*Student will correctly perform conscious choking on an adult</p> <p>*Student will correctly perform conscious choking on a child</p> <p>*Student will correctly perform conscious choking on an infant</p> <p>*Student will correctly perform unconscious choking on an adult</p> <p>*Student will correctly perform unconscious choking on a child and infant</p>	<ul style="list-style-type: none"> •Notes •Terms •Study Guides •Homework Questions •Perform choking on an adult manikin •Perform choking on a child manikin •Perform choking on an infant manikin 	<p>A combination of the following based on school wide and course specific rubrics:</p> <ul style="list-style-type: none"> •Pre-Assessment <ul style="list-style-type: none"> -pretests -checklists -observations -self evaluation & questions •Formative Assessments <ul style="list-style-type: none"> -questioning student -conferencing -peer evaluation -observation -performance tasks -exit cards/clickers -quizzes -self evaluation -homework -skill practice •Summative Assessments <ul style="list-style-type: none"> -performance tasks -chapter tests -semester exams -product/exhibits/displays -demonstrations 	<p style="text-align: center;">American Red Cross. First Aid/CPR/AED Participant Manual (2011). Staywell Health & Safety Solutions. Yardley, PA</p> <p>~Audiovisuals American Red Cross- First Aid/CPR/AED- 2011</p> <p>~Breathing Emergencies</p> <ul style="list-style-type: none"> ■ Conscious Choking—Adult and Child ■ Conscious Choking—Infant ■ Unconscious Choking—Adult and Child ■ Unconscious Choking—Infant

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<i>Performance Standards</i>	<i>Sample Activities</i>	<i>Assessment Strategies</i>	<i>Resources</i>
<p>*Student will correctly perform controlling external bleeding</p> <p>*Student will correctly perform using a manufactured tourniquet</p> <p>*Student will correctly perform applying a anatomic splint</p> <p>*Student will correctly perform applying a rigid splint</p> <p>*Student will correctly perform applying a soft splint</p> <p>*Student will correctly perform applying a sling and binder</p> <p>*Student will correctly perform assisting victim with an asthma inhaler</p> <p>*Student will correctly perform assisting victim with an Epinephrine Auto-Injector</p>	<ul style="list-style-type: none"> •Notes •Terms •Study Guides •Homework Questions •Apply/use roller bandage •Apply/use anatomic splint •Apply/use rigid splint •Apply/use soft splint •Apply/use sling & binder •Demonstrate use of Epi-pen 	<p>A combination of the following based on school wide and course specific rubrics:</p> <p>~Pre-Assessment</p> <ul style="list-style-type: none"> -pretests -checklists -observations -self evaluation & questions <p>~Formative Assessments</p> <ul style="list-style-type: none"> -questioning student -conferencing -peer evaluation -observation -performance tasks -exit cards/clickers -quizzes -self evaluation -homework -skill practice <p>~Summative Assessments</p> <ul style="list-style-type: none"> -performance tasks -chapter tests -semester exams -product/exhibits/displays -demonstrations 	<p style="text-align: center;">American Red Cross. First Aid/CPR/AED Participant Manual (2011). Staywell Health & Safety Solutions. Yardley, PA</p> <p>~Audiovisuals</p> <p>American Red Cross- First Aid/CPR/AED- 2011</p> <p>~First Aid</p> <ul style="list-style-type: none"> ■ Recognizing Sudden Illness ■ Playground Pandemonium ■ Controlling External Bleeding ■ Injuries to Muscles, Bones and Joints ■ Assisting with an Asthma Inhaler ■ Assisting with an Epinephrine Auto-Injector ■ Splinting

FIRST AID: RESPONDING TO EMERGENCIES

First Aid and CPR Pacing Guide

➤ **SEPTEMBER**

Ch 1 ***Before Giving Care & Checking an Injured or Ill Person***

- Checking the victim
- Shock
- Reaching & moving
- Body systems

Ch 2 ***Cardiac Emergencies and CPR***

- Heart attack

➤ **OCTOBER**

- Adult- CPR
- Hands Only CPR
- Infant & Child

Ch 3 ***AED***

Ch 4 ***Breathing Emergencies***

- Respiratory Diseases
- Conscious Choking adult, child, infant
- Unconscious choking adult, child, infant

➤ **NOVEMBER**

Ch 5 ***Sudden Illness***

- Fainting
- Seizure
- Febrile Seizure
- Stroke
- Diabetes
- Poisoning

Ch 6 ***Environmental Emergencies***

- Heat & Cold
- Bites & Stings
- Lightning

➤ **DECEMBER**

Ch 7 ***Soft Tissue Injuries***

- Wounds
- Burns
- Chest Injuries
- Abdominal Injuries
- Bleeding

Ch 8 ***Injuries to extremities & injury prevention***

- Head, Neck & Back injuries
- Chest, Abdomen & pelvic injuries
- Musculoskeletal Injuries
- Splints

➤ **JANUARY**

Ch 9 ***Special Situations & Circumstances***

- Children & Infants
- Emergency Childbirth
- Older Adults
- People with Disabilities and Language Barriers
- Crime scenes

Ch 10 ***Asthma***

Ch 11 ***Anaphylaxis & Epi pen***

FIRST AID: RESPONDING TO EMERGENCIES

Essential Questions

1. How are you, the students, being formally assessed throughout the course?
2. What is the correct way to move an ill or injured victim without causing further harm to the victim or yourself?
3. What is the correct method for performing CPR on a victim in cardiac arrest?
4. What are the steps in the Cardiac Chain of Survival? Emergency Action Steps?
5. What are the signs & symptoms of a sudden illness and the proper care to provide without causing further harm?
6. What is the correct method for applying a splint to a victim with an injured arm?
7. What are the signals of head, neck & spine injuries and the proper care to provide without causing further harm?
8. What are the signals of chest, abdomen, and pelvis injuries and the proper care to provide without causing further harm?
9. How can this certification benefit you, the student, in the future?
10. What does Red Cross certification mean? (It means that on a particular date an instructor verified that a course participant could demonstrate competency in all required skills taught in the course. What does competency mean? (*Competency* is defined as being able to perform each skill to meet the objective without guidance and apply those skills in a simulated emergency.)

FIRST AID: RESPONDING TO EMERGENCIES

Skills Objectives

Students must complete all the classroom and practical requirements in order to be eligible to take the American Red Cross exam. Students will be expected to successfully perform the following procedures:

- Student will correctly perform removing gloves
- Student will correctly perform checking an ill or injured adult
- Student will correctly perform checking an ill or injured child or infant
- Student will correctly perform CPR on an adult
- Student will correctly perform CPR on a child
- Student will correctly perform CPR on an infant
- Student will correctly perform AED on an adult or child older than 8 years or weighing more than 55 pounds
- Student will correctly perform AED on a child & infant younger than 8 years and weighing less than 55 pounds
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- Student will correctly perform conscious choking on a child
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- Student will correctly perform applying a rigid splint
- Student will correctly perform applying a soft splint
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- Student will correctly perform assisting victim with an asthma inhaler
- Student will correctly perform assisting victim with an Epinephrine Auto-Injector

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Assessments

[That are aligned to the curriculum – this will be done through the data teams throughout the year – no need to do them now, I just wanted to let you know where they will go in the curriculum, as we complete them. Thank you.]