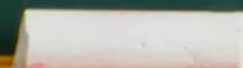
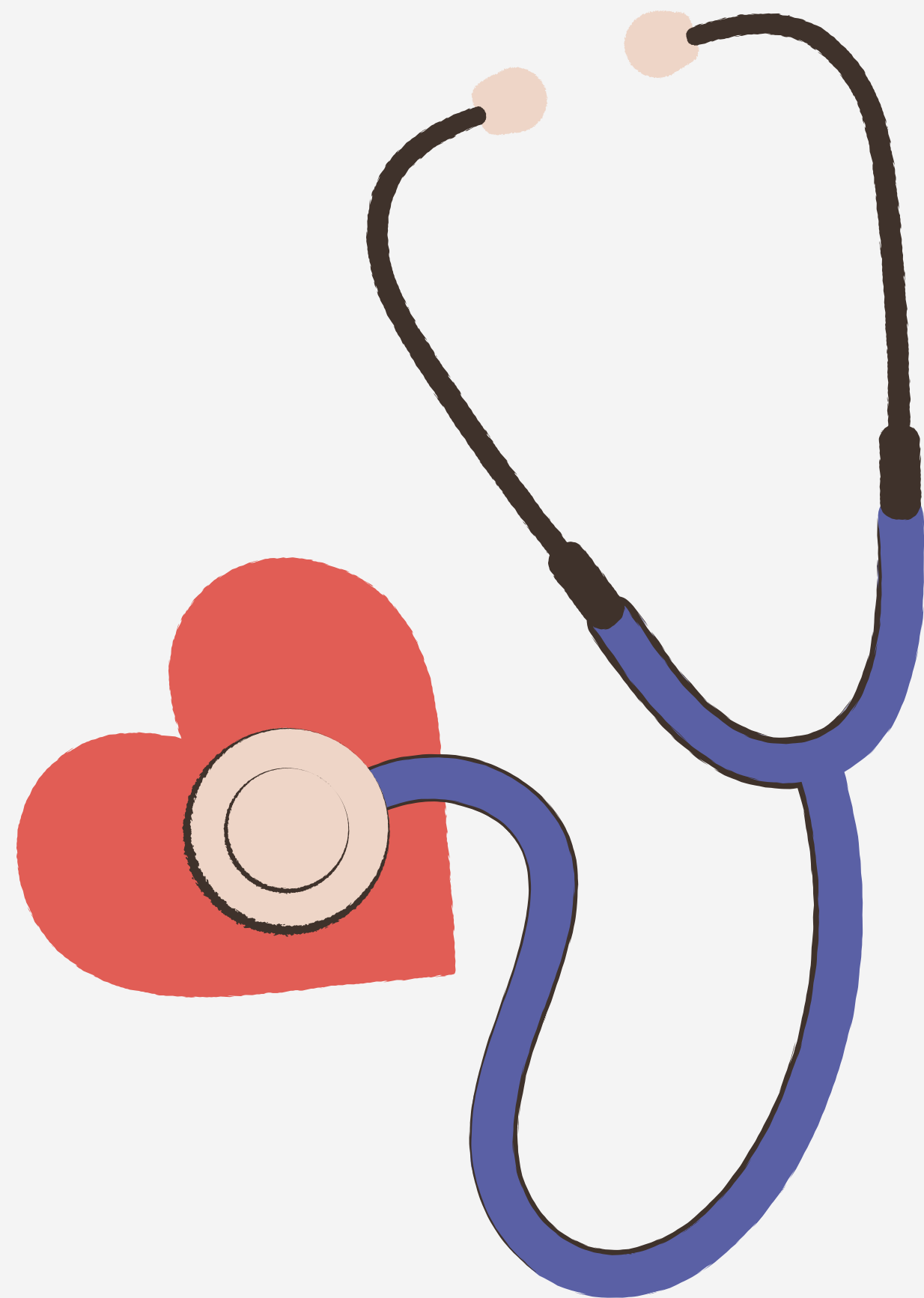


Beyond Band-Aids: Nurses & School Safety

Tara Underwood RN, BSN, DON
Jefferson County School District





"

Objectives:

- 1.To recognize the importance and necessity of involving nurses in Safety Planning.
- 2.To foster pre- incident collaboration with a multi-disciplinary team.

Disclaimer:This presentation is intended strictly for educational and informational purposes. The views and opinions expressed are those of the presenter and do not necessarily represent the official policy or position of our organization, partners, or affiliates.

Safety Planning

School safety planning includes emergency planning for:

1. Fire

2. Tornado

3. Lockdown

4. Medical

Why include your lead nurse or local school nurse in safety planning?



Fire Emergencies

Points to remember:

- Where there is fire there is **SMOKE**
- Evacuation of students in wheelchairs
- Evacuation of medications and supplies including diabetic, nursing procedures



Tornado Emergencies

- Injuries
- Location of students with mandated needs
- Tornado shelter area in school- will community be coming?
- AED located in that area?
- What is plan for communication?





Lockdown

Life threatening injuries/medical dx

Stop the Bleed

Anxiety

Multi-handicap/Autistic students

Medical Emergencies



Stock medications for:

- Anaphylaxis- Epinephrine
- Overdose- Narcan



Medical Emergencies

Medical or Cardiac
Emergency response team

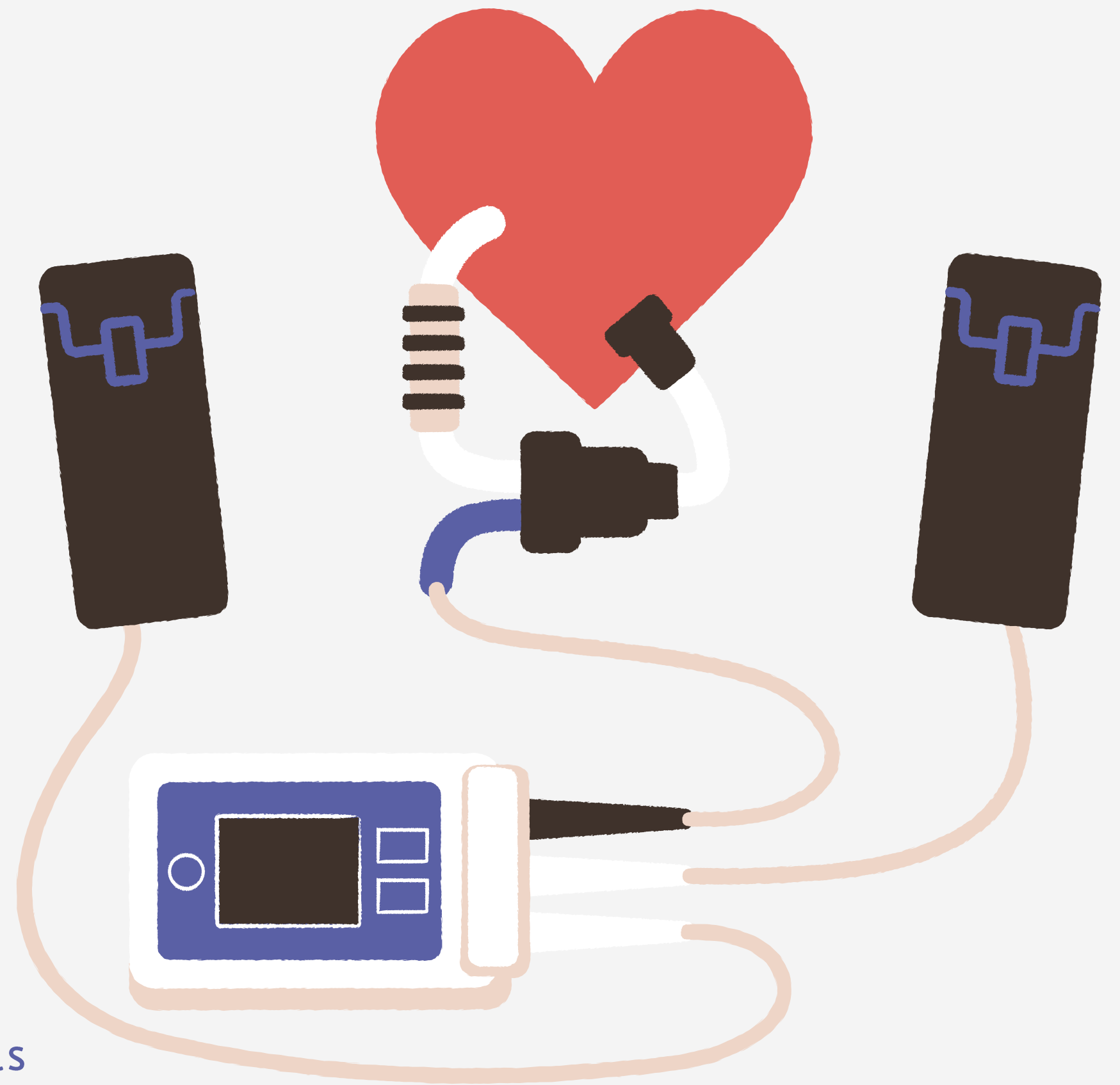
MERT/ CERT



PROJECT ADAM

Heart Safe School District

Our experience in Jefferson County Schools





Step 1

Provide information and resources for nurses by using the Project ADAM heart safe schools curriculum



Step 2

Meet with administrative staff to introduce the importance of unified team, plan and timeline.



Step 3

Implement the plan by identifying a team, having a written plan and conducting drills.

Step

1

Project Adam Website

Connect with an affiliate. For Alabama contact:

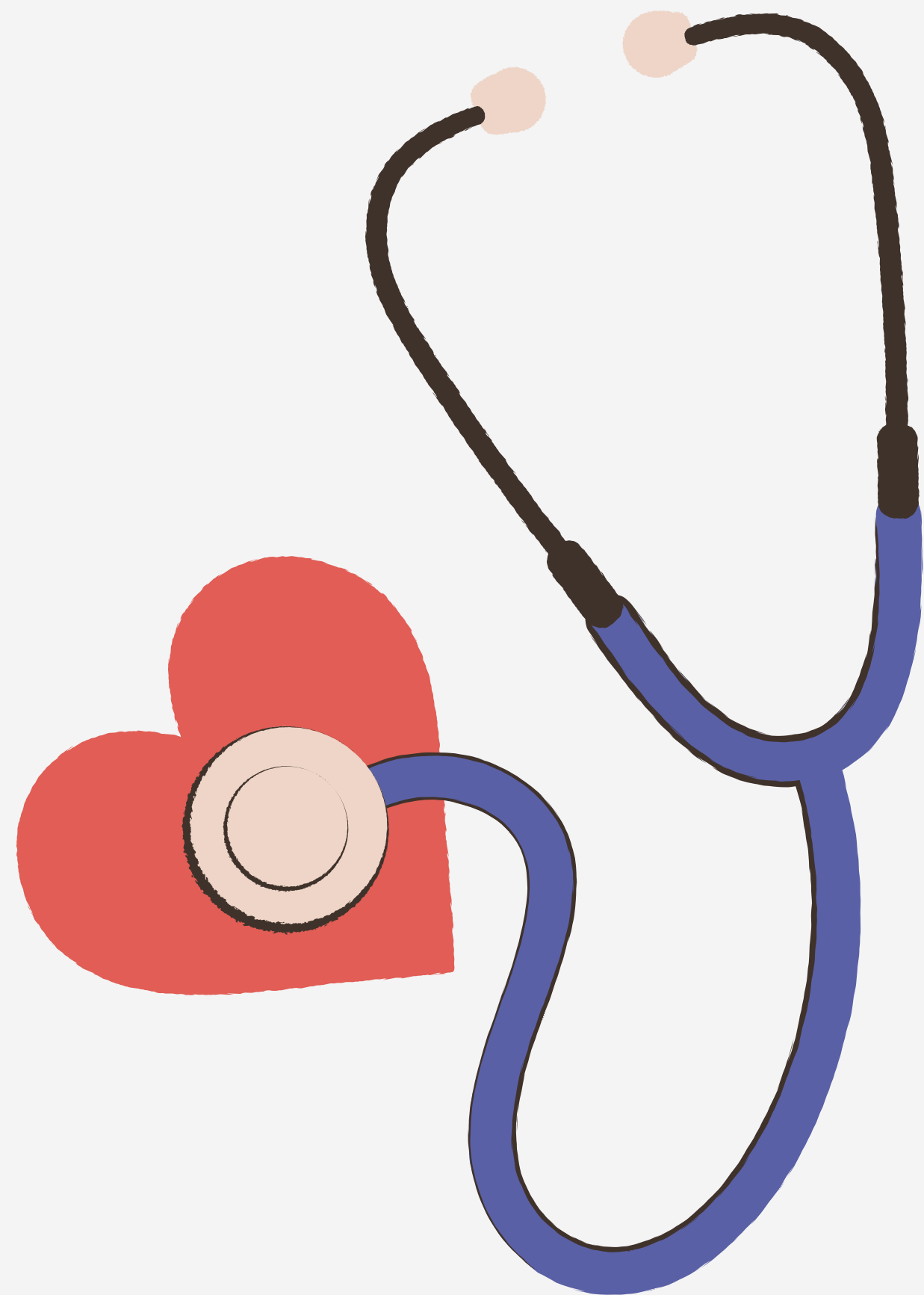
COA at alabamalifestart@childrensal.org

USA Health at projectadam@health.southalabama.edu

Connect with Vendors to borrow or purchase equipment:

Jefcoed partnered with GoRescue located in Homewood





Information for Nurses

Items needed:

- Manikin
- Radio/walkie
- AED trainer
- Phone
- AED drill checklist
- Stopwatch

School Emergencies

CERT or MERT TEAM

Establish a Code word to initiate the Cardiac or Medical emergency response team and communicate this with ALL staff



**Meet with district
leaders and
administration**

Team effort

**Presentation used by
JEFCOED**

Step 2



Medical Emergency Response Team (MERT)



JEFFERSON
COUNTY SCHOOLS

*Becoming Heart Safe at Jefferson County
School District*

Sudden Cardiac Arrest (SCA) – A Public Health Issue

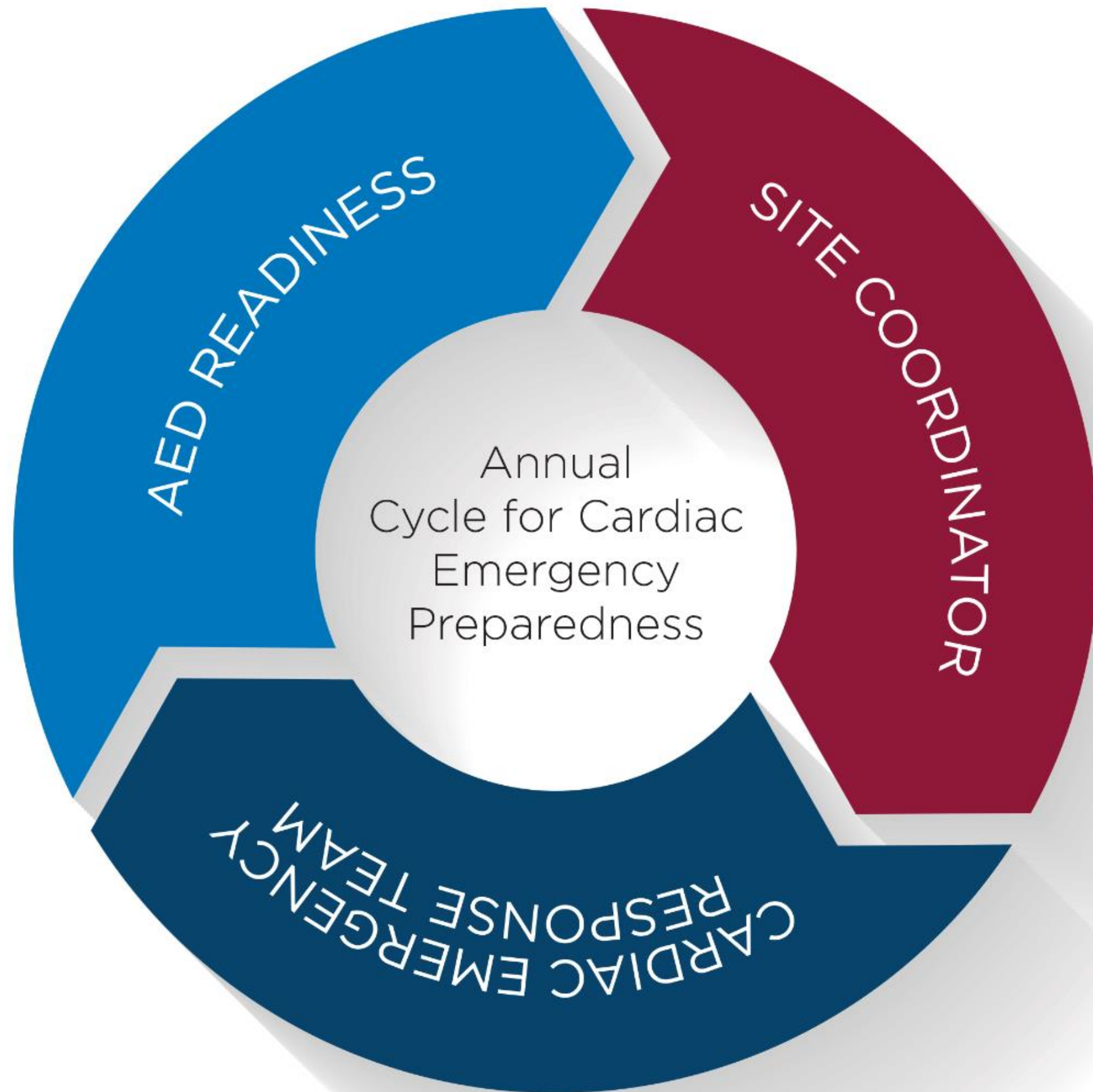
- More than 350,000 out-of-hospital Sudden Cardiac Arrests (SCA) occur in the United States each year and approximately 10 percent survive.
- Studies show that prompt bystander Cardiopulmonary Resuscitation (CPR) and Automated External Defibrillator (AED) use could double or even triple survival rates.
- In a study of more than 2,000 schools over a two year time frame, the SCA survival rate in schools with AED programs increased to 71 percent.
- On any given day, as much as 20 percent of the entire United States population is in a school.

Project ADAM[®]
SAVES LIVES

Background on Project ADAMs Work

- Project ADAM began in 1999 after the death of Adam Lemel, a 17-year-old Whitefish Bay, WI, high school student who collapsed and died while playing basketball.
- Adam suffered a Sudden Cardiac Arrest (SCA) in which ventricular fibrillation occurred, a condition in which the ventricles cannot pump blood into the body. Defibrillation, or an AED, could have saved his life.
- Since 1999, Project ADAM has advocated for AED placement in schools and communities. The Heart Safe School program ensures equipment is maintained and there is a team of trained staff ready to respond to emergencies in schools across the country.

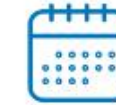
HEART SAFE SCHOOL DESIGNATION



SITE COORDINATOR RESPONSIBILITIES

AED READINESS

- Maintenance every month or per manufacturer directions



CARDIAC EMERGENCY RESPONSE TEAM

- Maintain Staff CPR/AED Training
 - Biannual CPR/AED Certification/Annual Hands Only CPR training
 - *Strongly Recommended for All Team Members*
- At least 1 Annual SCA Drill and Completion of Drill Checklist
- Interchange Roles during Drills



SITE COORDINATOR

- Budget for ongoing and future CPR/AED program expenses
- Perform at least 1 Sudden Cardiac Arrest (SCA) Drill
- Debrief post drills and evaluate for areas of improvement
- Review Cardiac Emergency Response Plan and adjust for your school
- Consider community needs and usage of building
 - Share Cardiac Emergency Response Plan with any groups who may use building after school hours
- All Staff Annual Awareness Training on Sudden Cardiac Arrest Awareness
- Use the Project ADAM resources available at: <https://www.projectadam.com/>
- Check in with your Project ADAM Program Coordinator for questions that arise



Justifying Staff Time for CPR/AED Training and Drilling

- Project ADAM recommends a designated emergency response team comprised of **at least 10% of school staff trained in CPR/AED** in the event there is a sudden collapse or medical emergency.
- An AED drill can be conducted in less time than a fire drill. **Plan for 5-10 minutes**, including a debrief with the team afterward.
- Some schools choose to conduct **medical emergency drills** which cover a multitude of possible medical emergencies that could occur, not solely cardiac. **At JEFCOED, we will use MERT as the designation for the response team.** We recommend the AED is brought to the scene each time.

Medical Emergency Response Team and Roles

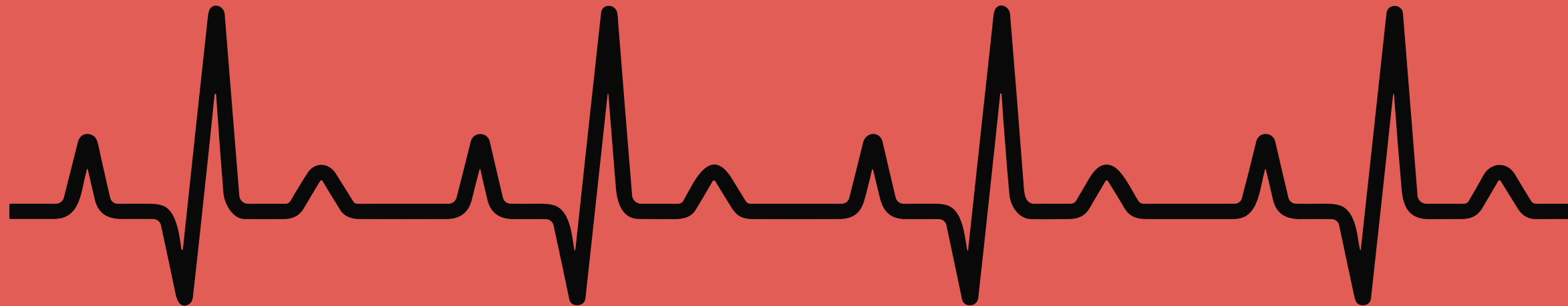
(Nurse) place name here *	Team Coordinator/Brings First Aid Kit/ Starts or continues CPR if needed
(Principal) place name here *	Calls EMS/Calls parents/Directs EMS if SRO is off campus
Deputy (SRO) place name here *	Directs EMS to scene; crowd control
(Registrar or other identified staff) place name here *	Covers the front to retrieve parent numbers and get additional needed information
(Bookkeeper or other identified staff) place name here *	Med Assistant-cover clinic for students with scheduled meds & brings meds to the scene if needed; Retrieves AED/EpiPen if staff below is off campus
(Reading Coach or other identified staff) place name here *	Retrieves AED/EpiPen/ Assists with CPR
(Math Coach or other identified staff) place name here *	Documents timelines/events
(Custodians or other identified staff) place name here * (CNP Manager or other identified staff) place name here *	Get ice if needed; crowd control-relocate students/keep scene clear; document if staff above is off campus

Goals:

- To have the MERTeam with materials to the scene within 2 minutes
- To determine the need for EMS and care for the victim upon arrival at the scene
- To keep the scene safe, clear, and provide first aid to the victim until EMS arrives

Goals:

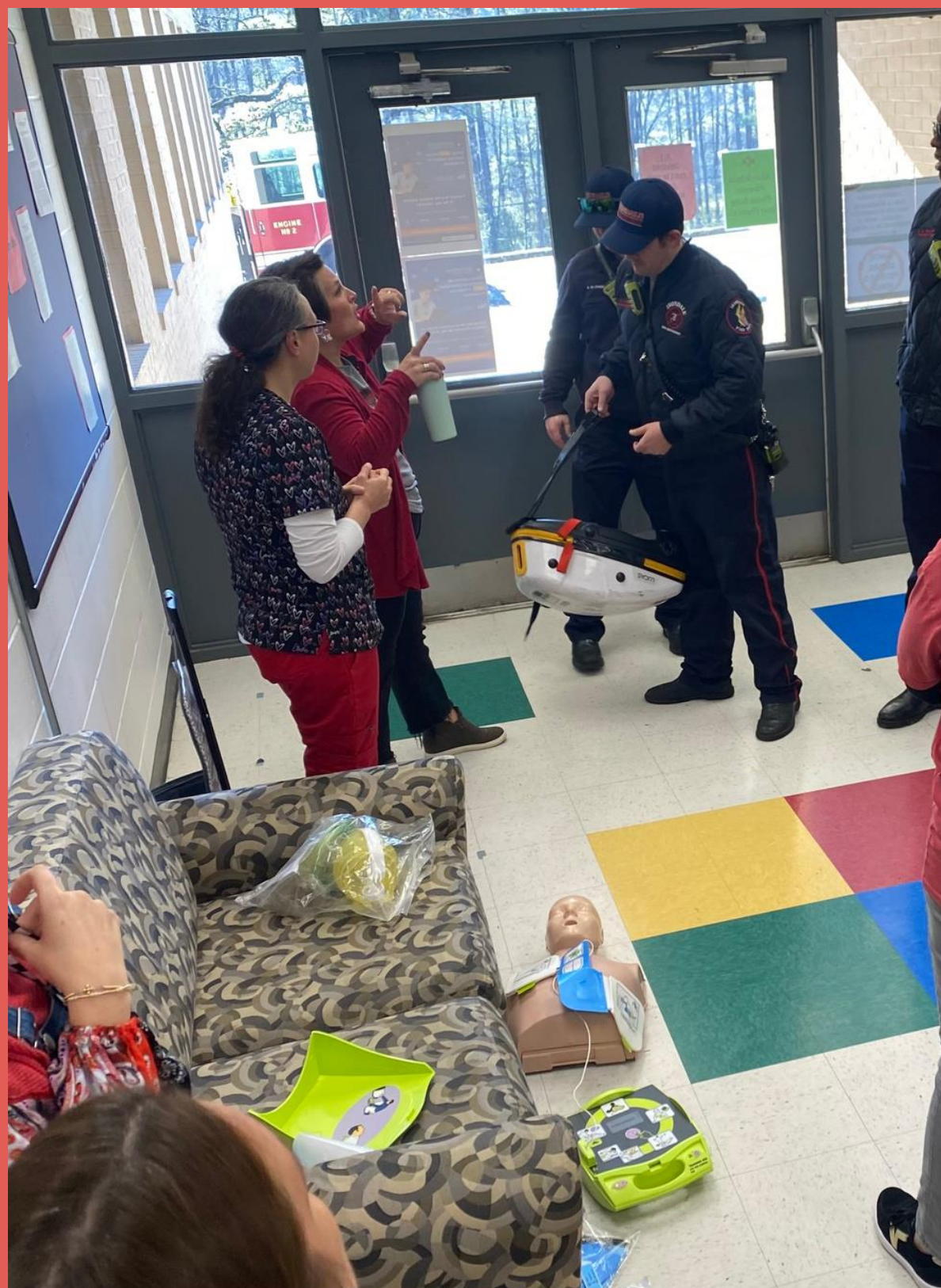
- **To have the MERTeam with materials to the scene within 2 minutes**
- **To determine the need for EMS and care for the victim upon arrival at the scene**
- **To keep the scene safe, clear, and provide first aid to the victim until EMS arrives**



MERT Procedure:

- **Activated by teacher or other staff by calling the front desk and describing the emergency situation (ex. Seizure, injury) and get student's name**
- **Front office will call on PA and radio (channel 1) " MERT team to (location)"**
- **Once MERT is at the scene, radios will go to channel 2**
- **If an emergency is in a classroom, the students will be moved to the hall; If in the gym/cafeteria, students will be moved out or as far away as possible.**
- **All members will arrive with supplies (if applicable to roles), and the nurse and administrator will determine if CPR needs to begin and/or EMS is to be notified.**

Work with Local Firestations and Paramedics

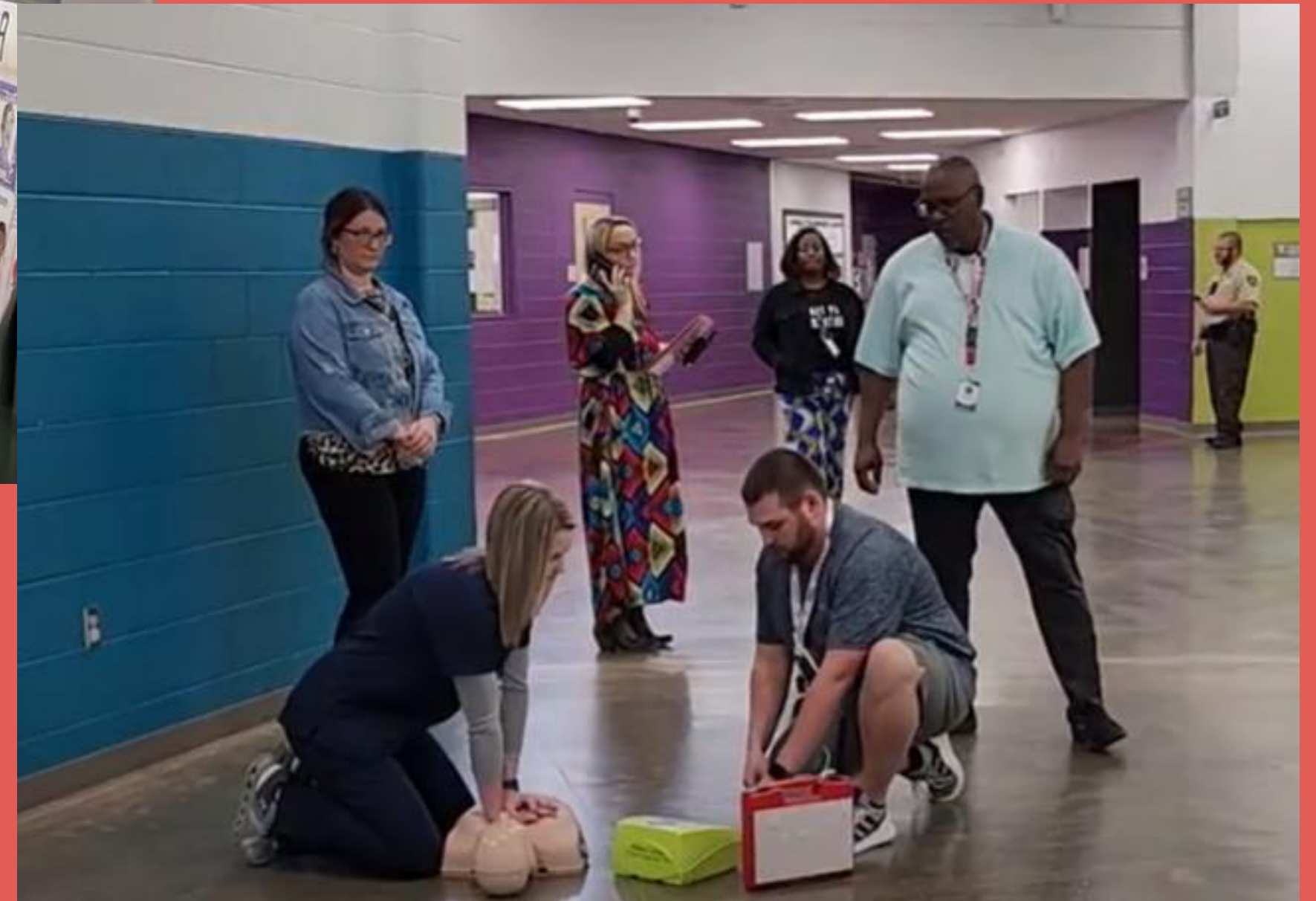


Thanks Irondale for being awesome!



Drills at Adamsville and Bryant Park Elementary

Various settings /scenerios



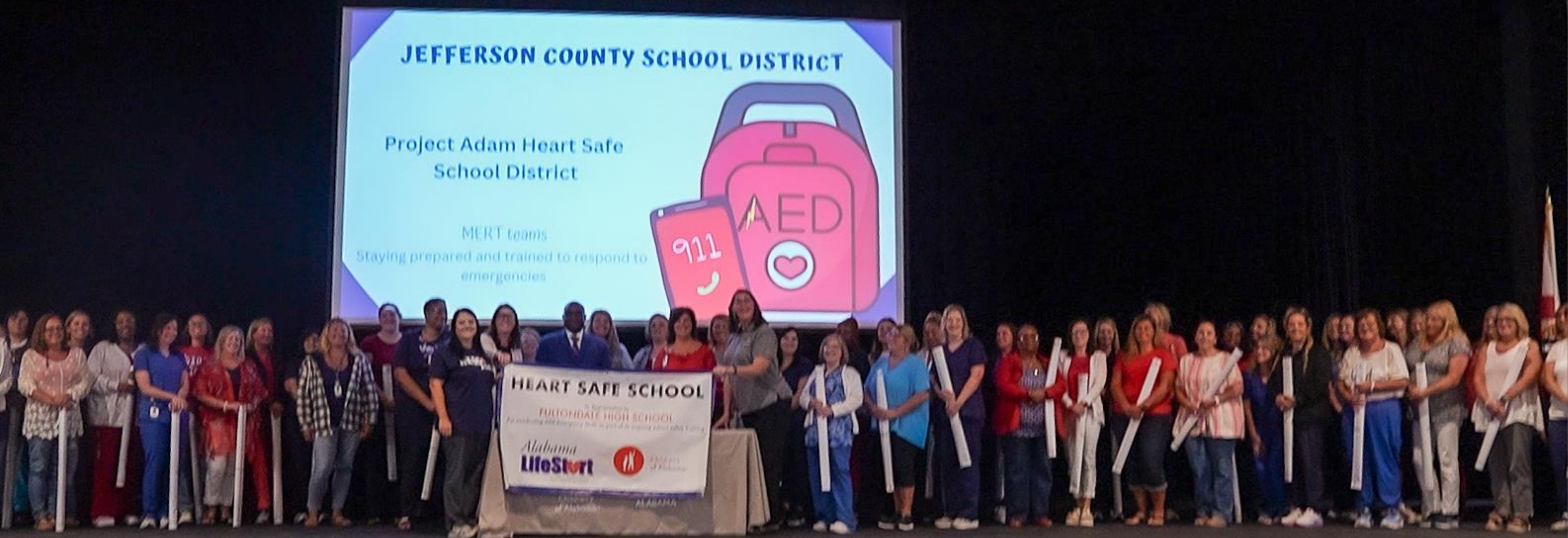


CLEAR

Following AED prompts at JCIB Middle
School



**Cleared scene of other students for
privacy**



Heartsafe School District



Jefferson County

The WHY



SCA can strike anyone at
anytime

Students

Jefferson County Schools have around 36,000 students on 57 campuses.



Staff

Staff not only includes teachers, but CNP, bus drivers/aides, maintenance and support staff.

Visitors

Visitors such as parents, grandparents, and vendors visit campuses on a daily basis.

Crucial

Factors

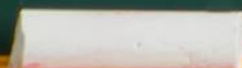
Is there a working intercom in the healthroom?

Does the nurse have a walkie for communication?

Is the nurse provided with a cart or rolling bag to evacuate?

Are there staff assigned to assist the nurse?

Does the nurse has a designated area for reunification or triage area?

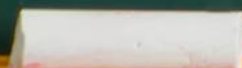


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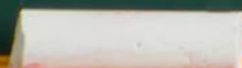
tunderwood@jefcoed.com



Resources:

www.projectadam.com

childrensal.org



Thank You

