# STORMZONE

SIMULAILE

# ABOUT STORMZONE

> School-Based Multidisciplinary Education

Program

- > Science
- > Social Studies
- > Emergency Preparedness
- > The Role of Emergency
  Management
- Volunteerism
- > Middle and High Schools



# OUR MISSION

- > Help Make Communities "Storm Ready"
- Teach Students About Severe Weather, Earthquakes and Wildfires
- > Encourage Volunteerism
- > Broaden Community Outreach

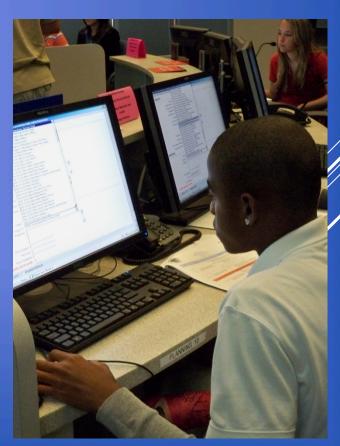












### SCIENCE

- Supplementary STEM Curriculum teaching students about the science of severe weather
  - > Hurricanes
  - >Tornadoes
  - >Thunderstorms
  - > Floods and Flash Floods
  - >Severe Winter Weather
  - >Extreme Heat
  - > Also Wildfires & Earthquakes



Recipe for Weather

Combine ingredients in the

troposphere, mix thoroughly and you will have weather!

#### > SCIENCE

- Supplementary STEM Curriculum teaching students about the science of severe weather
  - ► Authentic Engagement in Real-World Activities
  - ▶ Basic Application of Skills & Concepts
  - ▶ Strategic Thinking and Complex Reasoning

thermometer weather

►Information Acquisition and Communication



Recipe for Weather

### > SOCIAL STUDIES

- >How Emergency Management Agencies Work
  - > Within Federal, State and Local Government
  - > Within Our Communities
  - > Within Volunteer Organizations
- Exposure to Various Career Opportunities

Regional / State / Tribal / Territorial Plans

Jurisdictional Plans

(Mitigation, Emergency Operations, Recovery, COOP)

Individual / Household / Business Plans

- >At Home
  - > Disaster Survival Kit
  - > Family Communication Plan
  - > Mitigation Procedures
  - >Shelters & Evac Routes





- > At School
  - Severe Weather Preparedness & Role Playing Exercise
  - >Student Outreach
    - > Weather Rangers
    - Inform and educate fellow students about preparedness and volunteerism





- ➤ In the Community
  - > Community Involvement
    - > Emergency Preparedness Organizations
    - > Volunteer Organizations









- >In the Community
  - Interactive Exercises with Emergency Management Agencies

> Simulation Participation at the Emergency

**Operations Center** 

- Plan Responses to Major Weather Events
- > Recovery Following an Event



#### FOR MORE INFORMATION ABOUT



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