Vision 20/20

Fire is Everyone's Fight™

Model Performance in Fire Prevention

SYMPOSIUM 2016

Partnerships for L.I.F.E.

Cina Sunderhaus

Chandler Fire, Health & Medical

Vision 20/20
MODEL PERFORMANCE IN
FIRE PREVENTION
SYMPOSIUM

GOALS AND OBJECTIVES

Partnership for L.I.F.E.

Learning in Firesafe Environments

Primary Goal:

To increase school fire safety by re-establishing annual fire inspections and providing fire safety education to faculty, staff and students.

Partnership for L.I.F.E.

- Partnership for L.I.F.E. requirements for "firesafe" certification:
  - Annual Fire Inspection by CFHM Inspectors
  - Bi-annual Self-Inspection Program
  - Fire Safety Instruction for 1st & 2nd Grades
  - Annual Supervised Fire Drill
  - 10% CPR Certification for School Staff

Vision 20/20
MODEL PERFORMANCE IN
FIRE PREVENTION
SYMPOSIUM

FORMATIVE EVALUATION

Partnership for L.I.F.E.

- CFHM identified a critical need to increase fire safety in Chandler schools.
  - Reduced frequency of school inspections
  - Unmet growing demand for fire safety education

Partnership for L.I.F.E.

- Complaints fire inspections
- Target audience:
  - 54,697 students,
  - School buildings, and
  - School staff

Vision 20/20
MODEL PERFORMANCE IN
FIRE PREVENTION
SYMPOSIUM

PROCESS EVALUATION

Partnership for L.I.F.E.

- 2012 AFG Fire Prevention & Safety Grant.
- Authorized to perform school fire safety inspections.
- Self-inspection program for teachers and custodians.
- Fire safety curriculum for 1st and 2nd grade students.

Partnership for L.I.F.E.

- Forms for supervised fire drill reporting
- CPR for 10% of CUSD staff

Partnership for L.I.F.E.

- Spring of 2014 – Piloted at one school.
- Measures used to evaluate pilot:
  - School Inspections: documented code violations and fire hazards
  - Self-Inspection Program: completed twice a year by teachers; compliance with program
  - Fire Safety Lessons: pre- and post-tests of students; teacher and Fire Pal input
  - Supervised Fire Drills: feedback from crews / school staff
  - CPR: number school staff completing training

Partnership for L.I.F.E.

- Annual Fire Inspections: 1 inspector for 25 schools – 75 hours
- Self-Inspection Program: 20 hours/week split between two administrative staff
- Classroom Instruction: Fire Pal educators – 200 hrs. OT
- Annual Supervised Fire Drills: Operations (in service) – approximately 12.5 hours
- CPR Training: EMS Specialist or Fire Pal – 12 classes @ 4 hours each

Vision 20/20
MODEL PERFORMANCE IN
FIRE PREVENTION
SYMPOSIUM

IMPACT EVALUATION

Partnership for L.I.F.E.

- First Year Results:
  - 51 fire inspections
  - 100% self-inspections
  - 6,000 1st and 2nd graders received 2 hours of fire safety instruction
  - 40,000 staff and students participated in supervised fire drills
  - 10% of CUSD staff CPR certified

Vision 20/20
MODEL PERFORMANCE IN
FIRE PREVENTION
SYMPOSIUM

OUTCOME EVALUATION

Partnership for L.I.F.E.

- Second Year Data:
  - Reduction in fire code violations.
  - Increase in teachers' and custodians' fire safety knowledge.
  - No complaints about inspections.
  - Increase in 1st and 2nd graders' fire safety knowledge.
  - Requests from other schools & jurisdictions.

Vision 20/20
MODEL PERFORMANCE IN
FIRE PREVENTION
SYMPOSIUM

RECOMMENDATIONS

Partnership for L.I.F.E.

- Give yourself time. The one-year project timeline was ambitious.
- Be willing to compromise to achieve an end solution. Partnerships with outside agencies were crucial.
- Keep people informed.
- Apply for grants. CFHM would not have had the resources to accomplish this project without the grant funded position.
- Use the same people for consistency (i.e., fire inspector, admin. support, Fire Pals, etc.).

Vision 20/20
MODEL PERFORMANCE IN
FIRE PREVENTION
SYMPOSIUM

RESOURCES

Partnership for L.I.F.E.

- Information, forms and lesson plans are available at

  http://www.chandleraz.gov/default.aspx?Pageid=952