

CAVIT National Technical Honor Society Chapter

BREAK 'N MEND HOSPITAL PROJECT

This picture shows “the crew” before our first Break ‘n Mend Hospital Project, held at CAVIT in November 2014.

The NTHS chapter students are in front, with total chapter participation. Our partners in this project are grouped behind us: Mr. Wooley’s Medical Assistant class, a few of Mr. Berger’s firefighting students, and a few of Mr. Barth’s massage therapy students.

NTHS chapter members, front row, from left to right:

Stormy Naranjo, Kellie Wingate, Rebekah Turner, Anthony Arbuckle, Victoria DiCenzi, Kelly Paine, and Jacqueline Goodspeed



CAVIT BREAK ‘N MEND HOSPITAL PROJECT

CAVIT BREAK 'N MEND HOSPITAL PROJECT INTRODUCTION

- CAVIT NTHS Chapter partnered with the CAVIT Medical Assistant program
- Break 'n Mend Hospital Project is a simulated hospital experience for second grade children
- Two Coolidge elementary schools came to CAVIT for the Break 'n Mend Hospital Project
- CAVIT students traveled to Florence to present the project at Florence K8 School

CAVIT BREAK 'N MEND HOSPITAL PROJECT: EXPLANATION OF NEED

- Young children have a fear of the hospital experience

<http://www.cbsnews.com/news/hospitals-easing-kids-fear-factor/>

<http://www.ncbi.nlm.nih.gov/pubmed/18847160>

<http://www.bestdoctorsblog.com/nz/why-do-children-fear-hospitals-2/>

CAVIT BREAK 'N MEND HOSPITAL PROJECT: EXPLANATION OF NEED

- Young children do not understand what happens in a hospital

Our pre-test shows that children don't know what happens in a hospital, and they can only name departments like the cafeteria and gift shop. When we talked about this, it made sense. Children often go to the hospital with a family member who is ill, but can't go beyond "the swinging doors", so they don't know what happens after their family member leaves them. Then they sit and wait for hours with other family members who are anxious and stressed.

We wanted our participants to understand what happens in the hospital and to be able to identify different departments of the hospital.

CAVIT BREAK 'N MEND HOSPITAL PROJECT: ACTION PLAN

- ✓ Research the need. (September)
- ✓ Find a partner in the allied health department. (September)
- ✓ Identify the departments of the hospital to highlight. (October)
- ✓ Assign workers to each department. (October)
- ✓ Invite first or second graders to participate. (October)

CAVIT BREAK 'N MEND HOSPITAL PROJECT: ACTION PLAN CONTINUED

- ✓ Practice. (October/November)
- ✓ Break 'n Mend Hospital Project, December 4, 2014: Coolidge West School and Heartland Ranch Elementary (approximately 120 students)
- ✓ Break 'n Mend Hospital Project, January 13, 2015: Florence K8 School (approximately 100 students)

CAVIT BREAK 'N MEND HOSPITAL PROJECT: STATION ONE: EMT/PARAMEDIC SERVICES

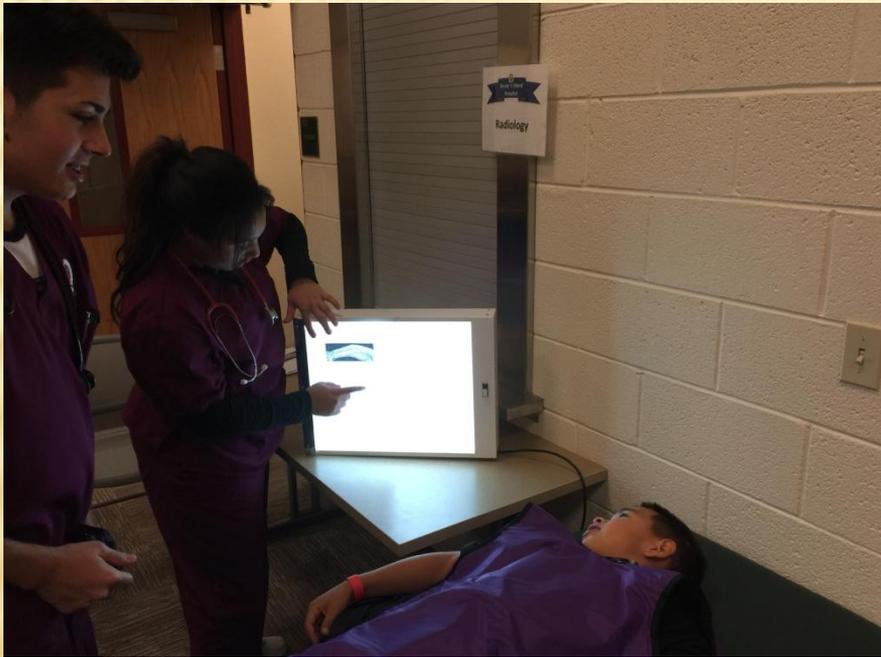
NOTE: PICTURES ARE SHOWN FROM BOTH LOCATIONS



CAVIT BREAK 'N MEND HOSPITAL PROJECT: STATION THREE: TRIAGE



CAVIT BREAK 'N MEND HOSPITAL PROJECT: STATION FOUR: RADIOLOGY



CAVIT BREAK 'N MEND HOSPITAL PROJECT: STATION FIVE: LABORATORY



CAVIT BREAK 'N MEND HOSPITAL PROJECT: STATION SIX: PRE-OP



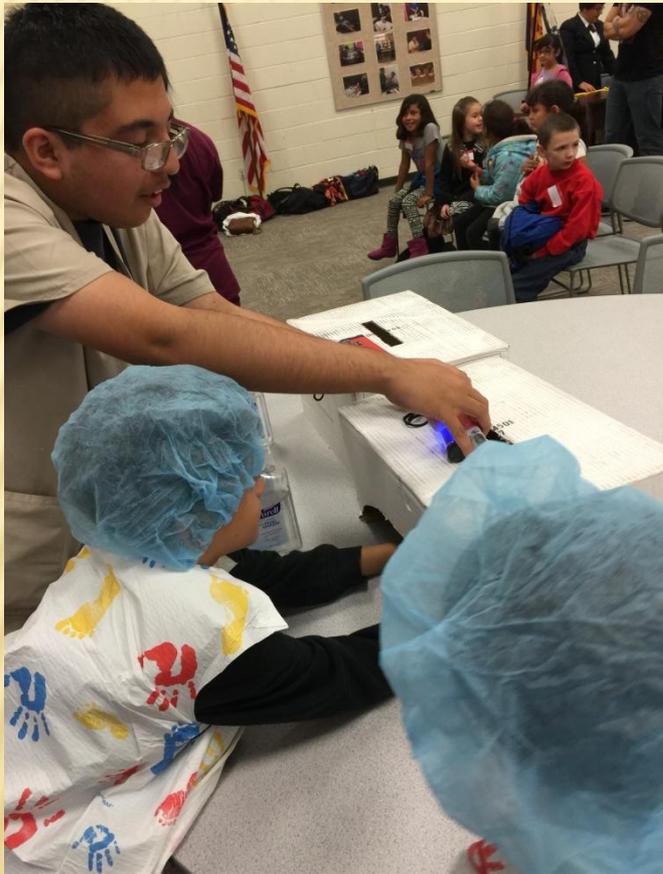
CAVIT BREAK 'N MEND HOSPITAL PROJECT: STATION SEVEN: SURGERY



CAVIT BREAK 'N MEND HOSPITAL PROJECT: STATION EIGHT: PHYSICAL THERAPY



CAVIT BREAK 'N MEND HOSPITAL PROJECT: STATION NINE: HAND WASHING STATION, POST TEST



This young child is a perfect example of why we do the Break 'n Mend Hospital Project. He was so scared that he refused to even enter the cafeteria of Florence K8 to participate. His mother tried to talk him into it, but he was adamant that he was not going to participate.

Finally, one of the MA students coaxed him into coming through the stations with his mother. He soon was smiling and commenting that this wasn't as scary as he thought it would be.

Success! Mom was also very happy!



CAVIT BREAK 'N MEND HOSPITAL PROJECT

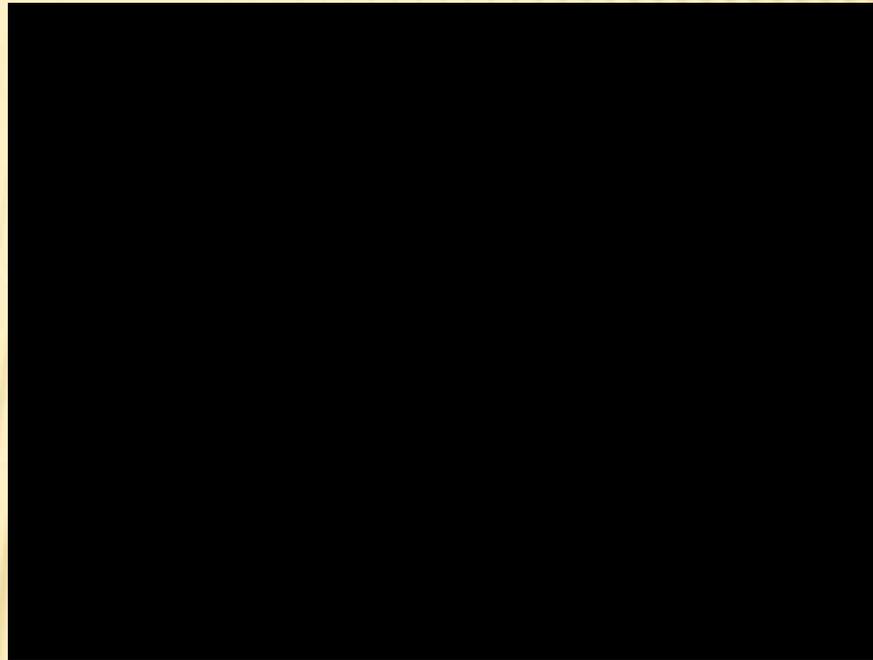
CAVIT BREAK 'N MEND HOSPITAL PROJECT



This video gives a quick glimpse of the entire set up in the cafeteria of Florence K8 School.

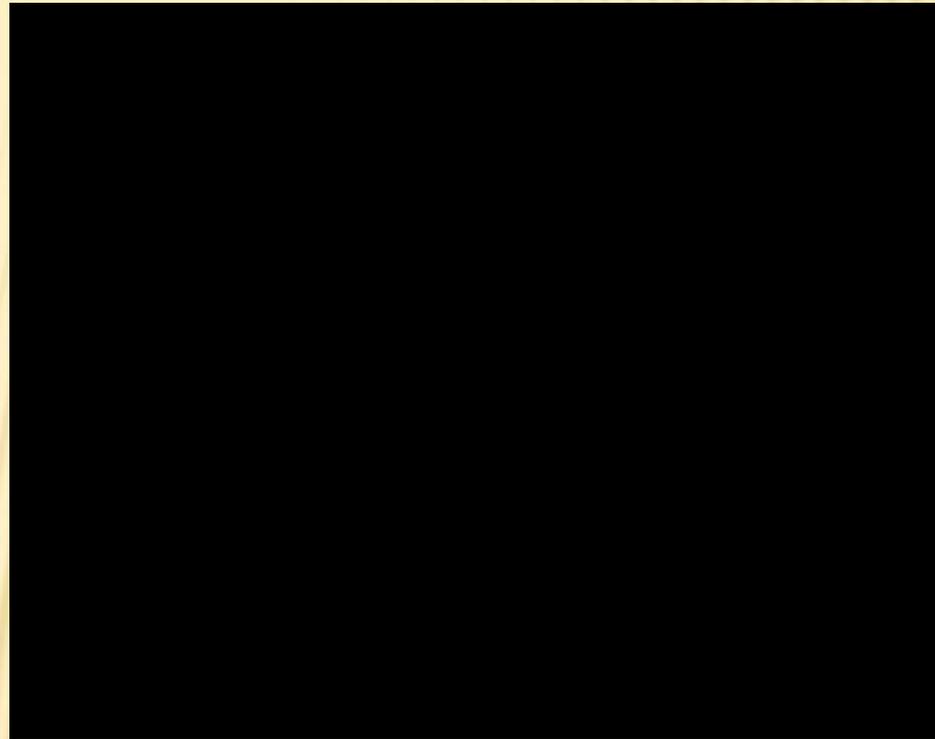
As you watch the video, you can see all of the stations that the children get to visit, as well as a group of students moving through them.

CAVIT BREAK 'N MEND HOSPITAL PROJECT



This video was taken during the Break 'n Mend Hospital Project at CAVIT.

Notice the young boy can only identify the emergency room, which coincides with our theory that youngsters often visit the ER with a family member who is ill.



CAVIT BREAK 'N MEND HOSPITAL PROJECT

CAVIT BREAK 'N MEND HOSPITAL PROJECT: LIST OF PARTICIPANTS

- ❖ NTHS Chapter Members: Stormy Naranjo, Kellie Wingate, Rebekah Turner, Anthony Arbuckle, Victoria DiCenzi, Kelly Paine, Jacqueline Goodspeed
- ❖ Mr. Wooley's Medical Assistant Classes
- ❖ Mr. Berger's firefighting students
- ❖ Mr. Barth's massage therapy students
- ❖ Mr. Mike Glover, CAVIT Superintendant

CAVIT BREAK 'N MEND HOSPITAL PROJECT: PARTICIPANTS CONTINUED

- ❖ Mrs. Michelle Martinez, CAVIT Coordinator
- ❖ Second grade Teachers and Students from West Elementary School and Heartland Ranch Elementary School
- ❖ Mr. John Allee, Florence K8 Principal
- ❖ Second grade Teachers and Students from Florence K8 School
- ❖ Florence K8 Cafeteria Staff

CAVIT BREAK 'N MEND HOSPITAL PROJECT: RESULTS AND IMPACT

Feelings Survey:

Children were asked to point to a facial expression on handout to indicate how they felt about going to a hospital; they were asked before and after the Break 'N Mend Hospital Project

Faces that clearly represented fear or anxiety show a decrease in that feeling between pre and post surveys

Faces that clearly represented smiles or happiness show an increase in that feeling between pre and post surveys

Faces that are vague or neutral show no marked change from pre to post survey

Hospital Departments

Children were asked if they could name four areas of a hospital.

Pre-Survey Results show that children could only name a few departments:

- EMT Servies 15.8%
- Admissions 50.4%
- Triage 1.8%
- Lab 5.8%
- Radiology 1.4%
- Pre-Op .7%
- Surgery 3.6%
- Post-Op 0
- Physical Therapy 0
- Waiting Room 36%
- Cafeteria 30.9%
- Gift Shop 28.1%



CAVIT BREAK 'N MEND HOSPITAL PROJECT

Hospital Departments

Post Survey:

EMT 18.8%

Admissions 16.3%

Triage 13.8%

Lab 47.5%

Radiology 25%

Pre-Op 21.3%

Surgery 46.3%

Post-Op 33.8%

Physical Therapy 12.5%

Payments 6.3%

Waiting Room 27.5%

Cafeteria 20.0%

Gift Shop 10%



BREAK 'N MEND HOSPITAL PROJECT

BREAK 'N MEND HOSPITAL PROJECT: PARTICIPANT COMMENTS (PRE SURVEY)

Have you ever been to a hospital?

- To see my baby brother
- For family
- Grandpa had a heart attack

Do you know what happens in a hospital?

- You cry
- Put to sleep to cut open

BREAK 'N MEND HOSPITAL PROJECT: PARTICIPANT COMMENTS (POST SURVEY)

What did you learn today that you didn't know?

- Not to be scared of hospitals
- Hospitals aren't that scary
- It's ok to go to a hospital

What was your favorite part?

- X ray
- Getting the fake shot
- Everything...it was fun



CAVIT BREAK 'N MEND HOSPITAL PROJECT: CAVIT NTHS CHAPTER

Kellie Wingate, Jackie Goodspeed, Stormy Naranjo,
Rebekah Turner, Anthony Arbuckle, Victoria DiCenzi, Kelly Paine
Presentation Created by: Victoria DiCenzi and Jackie Goodspeed