COMPUTER SCIENCE AT CENTENNIAL HIGH SCHOOL

Las Cruces, NM
Melody Hagaman
A SOCIAL JUSTICE ISSUE
...AND A STORY
UNSTOPPABLE

Me
TRAJECTORY

- 2012-2013 School year—brand new high school
  - NO CS anywhere in the district. Mrs. Hagaman goes to Tapestry
- 2013-2014 School year—48 students signed up for CS
  - Admin only allowed 1 section (max 32)
- 2014-2015 School year—159 students
- 2015-2016 School year—210 students
- 2016-2017 School year—240 students, 2 teachers
TRAJECTORY

- 2017-2018 School year:

  Loading.....
SO HOW TO SHARE THE EXCITEMENT?

So many, many ways…
BLATANT AND SHAMELESS MULTIMEDIA ADVERTISING:

- Create a media campaign and attack from all angles!

Do EVERYTHING Tapestry tells you.

No really. EVERYTHING.
ACTIVE RECRUITMENT:
POSTERS

THINKING ELECTIVES?
THINK COMPUTER SCIENCE!

REASONS TO STUDY COMPUTER SCIENCE:

- JOBS AND $$$
  - 1 MILLION JOBS BY 2020
  - AVERAGE PAY OF $120,000

- MAKES YOU STAND OUT ON COLLEGE AND JOB APPLICATIONS

- LETS YOU USE CRITICAL THINKING AND CREATIVE SKILLS INSTEAD OF REMEMBERING INFO!

OPPORTUNITIES FOR FUN GROUP PROJECTS, AWARDS, AND MORE!

TWO CLASS OPTIONS:

- Computer Science Program in 4 years
- No math required

- AP Computer Science

- Programming, software, and more in 1 year
- AP credit for those who pass
I forgot to sign up for CS Programming once...

Don’t end up like Grumpy Cat!

Juniors and Seniors can earn college credit while taking a fun, hands-on class right here at Centennial!
Freshmen and Sophomores can take it too!

Sign up for the Computer Science Programming class for next year and you’ll learn about the technology we use every day in apps, our phones, and more, while working on a project that interests YOU.

For more information, talk to your guidance counselor or stop by room D119.
Social Media

School and class page—students can “like,” share, and get notifications but can’t post on the page.

Obsessed with baby otters
Homecoming Week: Lunchtime Puppy Playpen!!!!

Three-legged dogs are Triple girl-magnets
Watch your puppies...students may try to stick them in their backpacks. Like this guy.
Even better than homecoming?

The week before students register!
COMPUTER SCIENCE WEEK

27 | FORTUNE TELLER & LOVE ALGORITHM
Get your fortune told or test your love compatibility with our highly accurate algorithms!

28 | V.I.P. SHOWCASE LUNCHEON
Check out all the cool things we're doing in computer science. Invitation only.

29 | LIFE-SIZE PAC-MAN AND PHOTO BOOTH
Play life-size Pac-Man for prizes. Take photos in our special 80s themed CS Photo booth

30 | PUPPY PLAYPEN
Robots! Puppies! Fun!
FRUIT PIANO!
LIFE-SIZED PACMAN AND PACWOMAN
LOVE CALCULATOR AND
FORTUNE TELLING
TURTLE RACES

Turtles of different genders WILL mate....watch out...
SANDBOX TOUR
HOUR OF CODE

- School-wide with cups, ipads, and laptops in advisory classes
- Every freshman Career Class (extinct)
- Math and Science classes (my peeps)
- Other school—elective classes (at your own risk)
SHOWCASE DAYS!

- Choose student judges
  - Not from CS classes!
- Judges get out of class to come observe student projects and give feedback
OPEN-HOUSES

- Puppies!
- Girls!
- Free stuff!
- Fruit Piano makes a comeback
- Shameless bright lights and color
- Horrible photography
Computer Science...
...open to everyone!
Freshmen Welcome!
“Secret” Doughnut Parties

- Registration week—it ain’t over
- Befriend counselor and find out who is signed up so far
- Invite them and a friend
- Schmooze and show off
CLASS TIME!
TREAT IT LIKE A CLUB...
OR ACTUALLY MAKE IT ONE....
T-SHIRTS: MADE ➔ DECALS ➔ ORDERING PREMADE ONES

6dollarshirts.com = easy!
“CLUB” TRADITIONS
ENLIST HELP

Representing the Young Women in Computing club from New Mexico State University are Las Cruces Sofia Bali, Sam McGuinn and Esperanza Medina.
THE MORAL(S)

- Tapestry’s research works!
- Start small and get the students to help—
  - They’ll latch onto the idea if you’re genuine with them
  - They’re the ones with the real energy!
- Puppies are magic
- Energizing means creating a sense of belonging!