

# Artemis 2008

(with 🎵 music!)

getting to know each other  
on the first day...





We took apart a computer





# Ropes course at the Wheeler School





Reach the Goal  
at all costs











Photoshop!



# MY LIPGLOSS IS...

Chantal's  
Photoshop  
advertisement

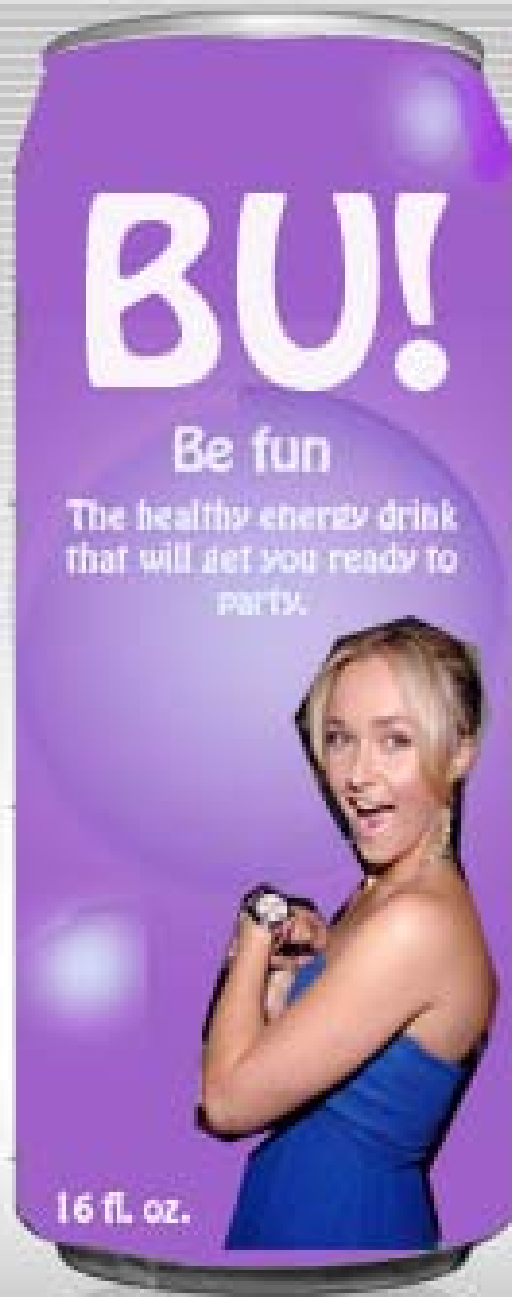


# POPPIN'

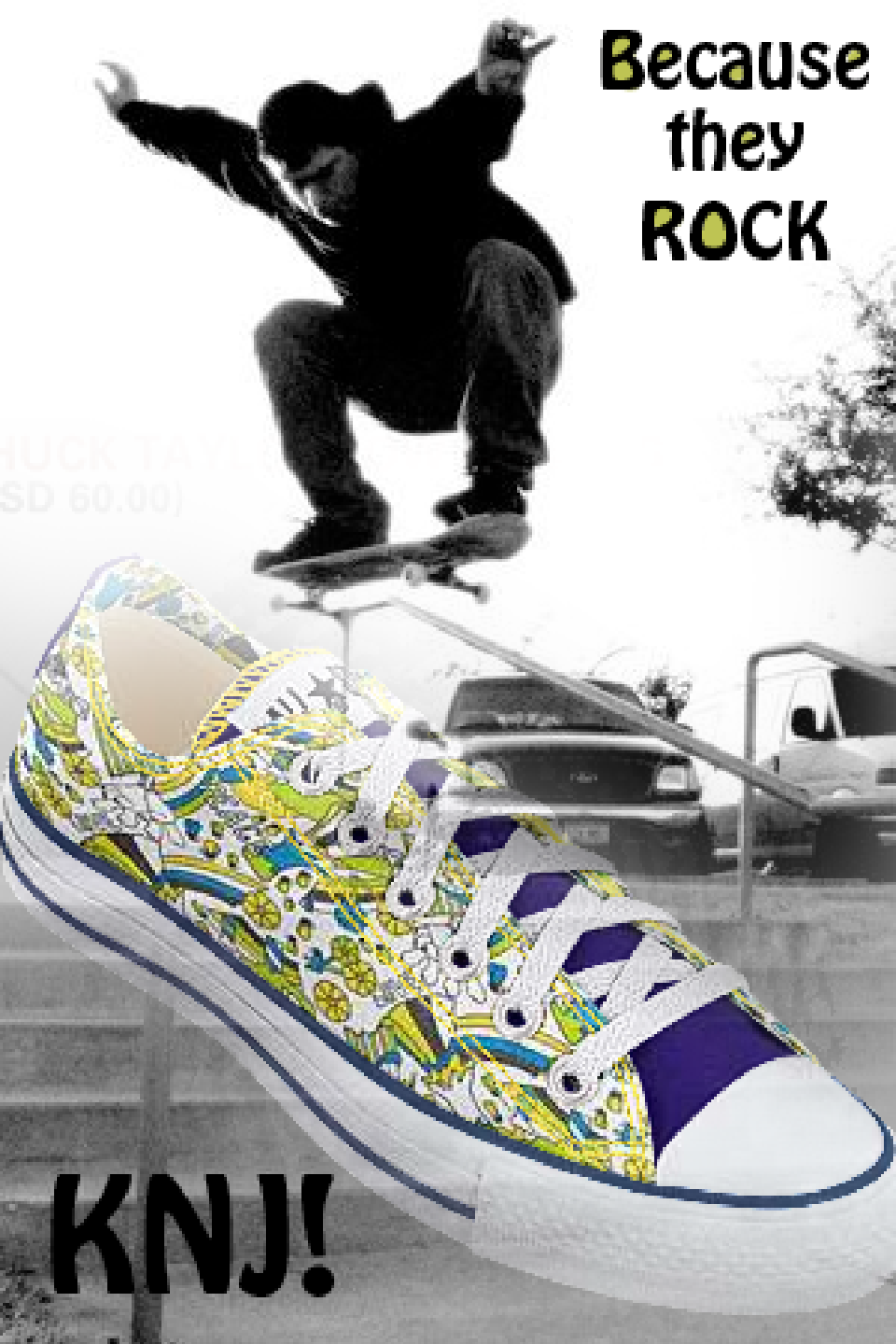


**Fricshe shoes**  
by  
**Artemis Inc.**

Becca  
Burgess's  
ad



## Laura's Photoshop advertisement

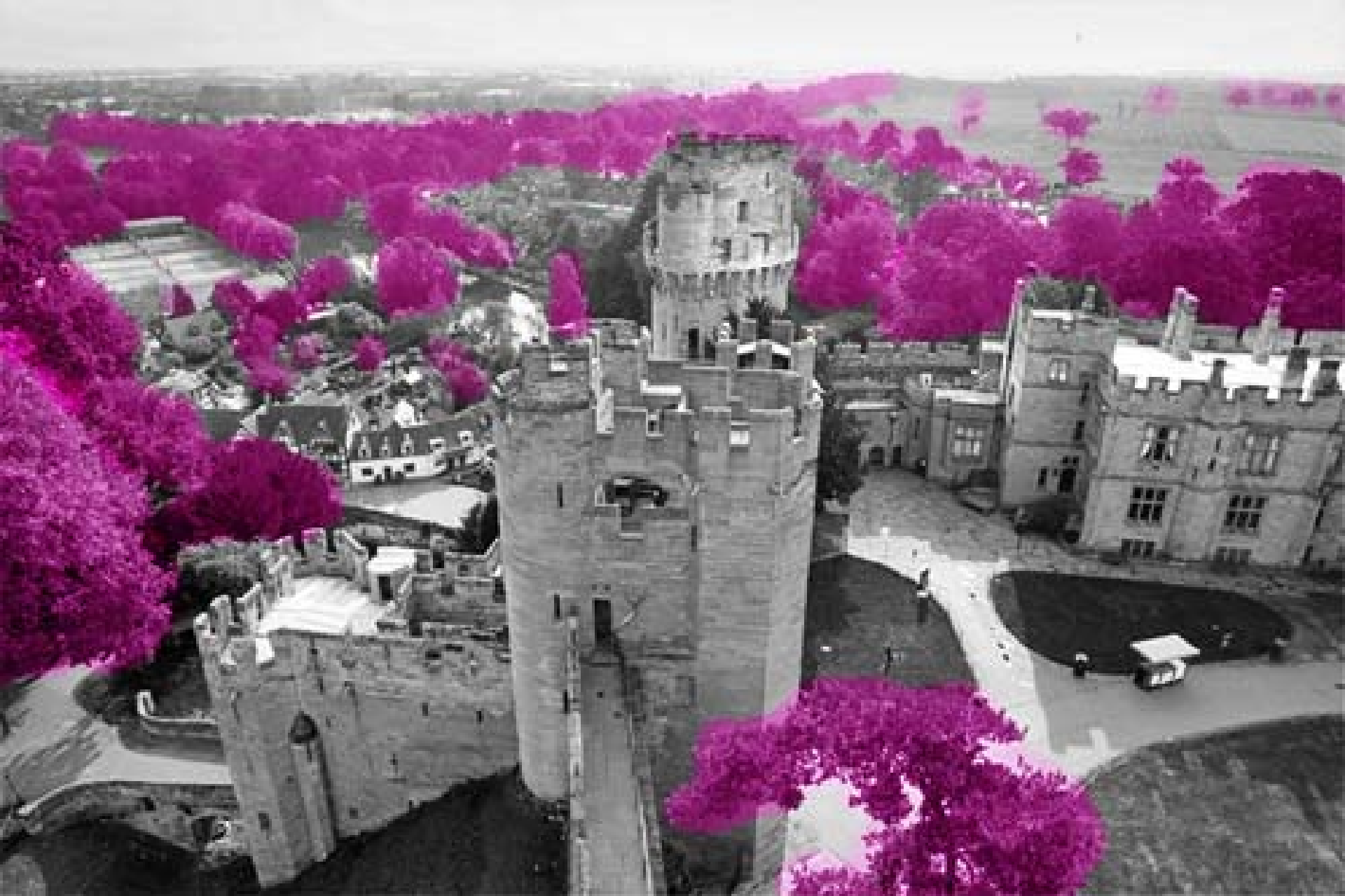


Because  
they  
**ROCK**

KICK TA...  
SD (0.00)

**KNJ!**

Kassandra's  
Photoshop  
advertisement



Bekah H's Photoshop mini-project



Chuc's  
advertisement  
in Photoshop

Made By Katherine

Katherine's advertisement in  
Photoshop





Jazmine M's  
advertisement  
project in  
Photoshop

Some women from Google came to talk to us about their jobs!





The Arts Project



# Field trip to the Boston Museum of Science!



Google

Later, Isaac Newton deduced that the laws of motion and gravitation, which apply not only to planets orbiting the sun, but also to satellites orbiting the earth, are the same.

When satellites encounter friction, such as air resistance, they lose energy as heat, fall into tighter and tighter orbits, until they hit the ground.



Waiting for our planetarium show about the night sky to begin!





**BOUNCING**

**LIGHT**

**Make a Face**

Can you use the mirrors to give the clown a face?

Get with your class on the right corner of this table.



Turn the mirrors to reflect the different parts of the clown's face until you can see his face in the mirror with the light source. The clown's face is on the right side of the table.







We learned how to make web pages  
using HTML and CSS

**Welcome To The Fansite About Adam Gary Sevani :)**

**A Fansite about and For Adam G. Sevani**

[Step Up 2 and "Moose"](#)  
[Background Accomplishments](#)  
[Some Youtube Videos](#)

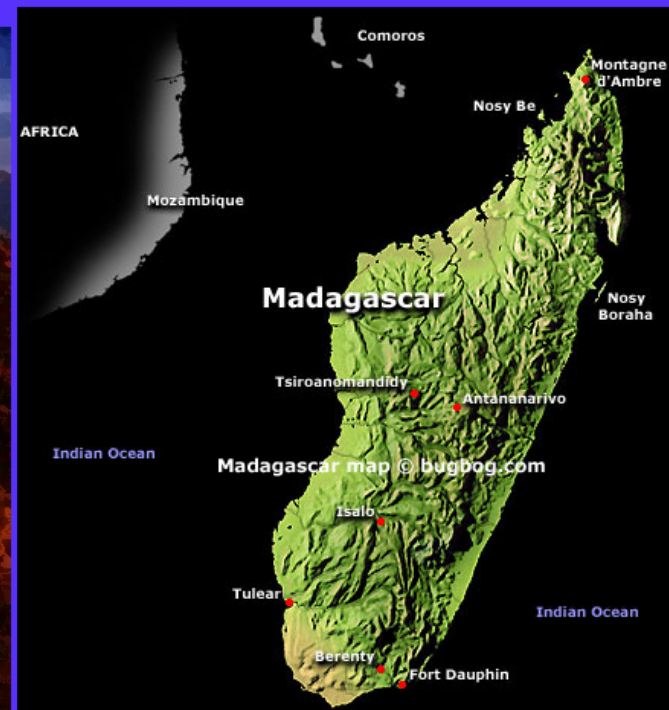


**"Baddest nerd in movie history," Best Said By the New York Times**

## Places To Go, Things To See

I love to travel and i hope that i will be able to travel even more!

Some places I would like to visit are: China, Madagascar, Chile, Ireland as well as many, many more!



AzumangaDaiohFansite.com



Where Azumanga Daioh fans come together as one!



[Home](#)

[ADVfilms](#)

[Music and Videos](#)

[Pictures](#)

[Forums](#)

## AzumangaDaiohFansite.com

**Hello and welcome to AzumangaDaiohFansite! This site is just brand new and in it's prototype stage so we don't have a lot of things to show but we will!**

Characters:



- Chiyo Mihama : a child prodigy that is only 10 years old and has skipped 5 grades all the way up to 10th grade She is also amazingly rich but seems to be unspoiled and she's just so adorable!



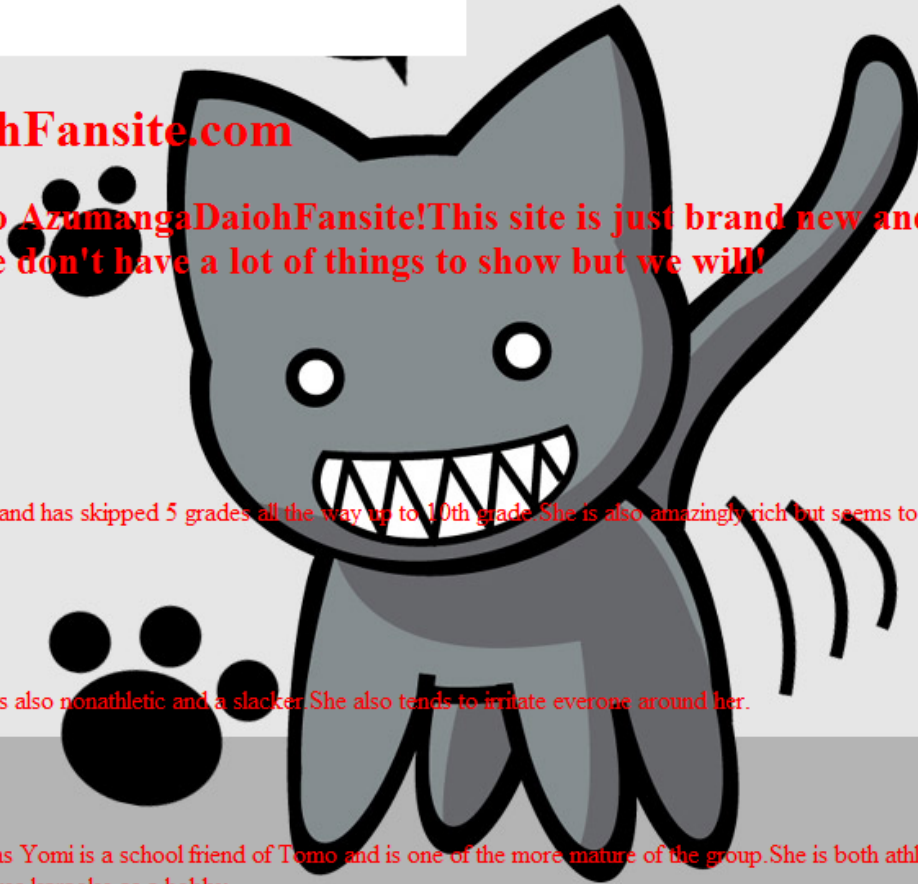
- Tomo Takino : an energetic and competitive girl, but she is also nonathletic and a slacker She also tends to irritate everyone around her.



- Koyomi "Yomi" Mizuhara : Koyomi, who is also known as Yomi is a school friend of Tomo and is one of the more mature of the group. She is both athletic and smart but is unhappy with her weight. Yomi is also a horrible singer, but she loves karaoke as a hobby.



- Sakaki : a popular, shy, and tall girl who loves animals, but especially cats. She is actually the fastest and strongest student of the whole school even though she's not



## My favorite quote

Hello and welcome to my webpage. I'm Maguire. I'm 14 & I live in Providence, RI. I'm a big fan of Audrey Hepburn & this is something that she has said:

" Your heart breaks, that's all. You can't blame anyone or point fingers. You just have to find someone who appreciates you."

Don't you agree?

When I grow up, I want to be a corporate lawyer. I want to go to Princeton University or any other Ivy League to study poli/sci & then go on to either NYU Law or study for my law degree at Columbia. I want to live in New York City because it's one of my favorite places. I love going all around the Upper East Side and just walking the streets & shopping.

Here is an ordered list of my dream colleges:

1. Princeton University
2. Harvard
3. Yale
4. College of the Holy Cross
5. Columbia
6. Cornell

That's about it I guess.

In my spare time, I enjoy many hobbies, including running, playing tennis, going to the beach and hanging out with my friends. Here is a picture of Audrey Hepburn, in "Breakfast at Tiffany's" (one of my favorite movies & set in my favorite place: New York City!):



### Tha Carter

- Released: June 29, 2004
- Chart positions: #5 US
- Last RIAA description: Gold (850,000 copies sold)
- Singles: "Bring It Back", "Go DJ", "Earthquake"

Jassmin G's web site

### Tha Carter II

- Released: December 6, 2005
- Chart positions: #2 US
- Last RIAA description: Platinum (1.4 Million)
- Singles: "Fireman", "Hustler Muzik", "Shooter"

### Tha Carter III

- Release Date: June 19, 2007
- Chart positions: TBR
- Last RIAA description: TBR
- Singles: "Reggae Shit", "La La"

### Collaboration albums

#### Album cover Album information

- Like Father, Like Son

# MIT Museum Field Trip!







Group shot in the  
MIT chapel

we got stuck in an elevator at MIT...



BROWNALEUM  
at the  
GO PEAZ

Beach Girl





(but then we were rescued)



We learned about robotic dogs!









(they were really cute)











eating lunch







# Alice!

An object-oriented programming language designed for purely educational purposes. The girls created 3D Animated short stories by dragging and dropping code in the program.

# Oyebhen's Alice World



world.my first method

world.my first method No parameters

create new parameter

No variables

create new variable

camera turn left 80 revolutions duration = 3 seconds style = begin gently asSeenBy = world

camera say Welcome to Artemis Project before it was born! textColor = duration = 3 seconds fontSize = 25 fontName = Arial

Do together

camera get a good look at skaterGirl more...

skaterGirl say Kelly! Hey i'm back! bubbleColor = duration = 2 seconds textColor = more...

kelly say Hey! uhmm Brady is talking to one of his students...they are making something... duration = 5 seconds bubbleColor = textColor = more...

camera get a good look at socrates more...

socrates say Yes Yes i think we should get started on it right away..the computer is over there bubbleColor = textColor = duration = 4 seconds mor

camera get a good look at skaterGirl more...

skaterGirl say WHAT WAS THAT!? bubbleColor = textColor = duration = 0.5 seconds more...

camera get a good look at socrates more...

Do together

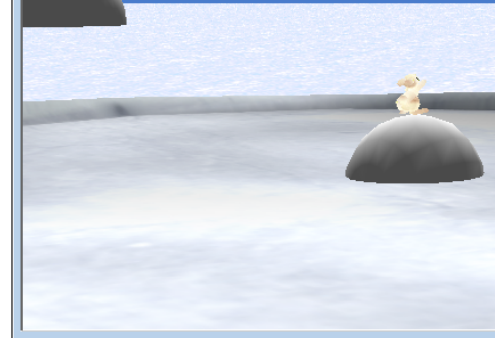
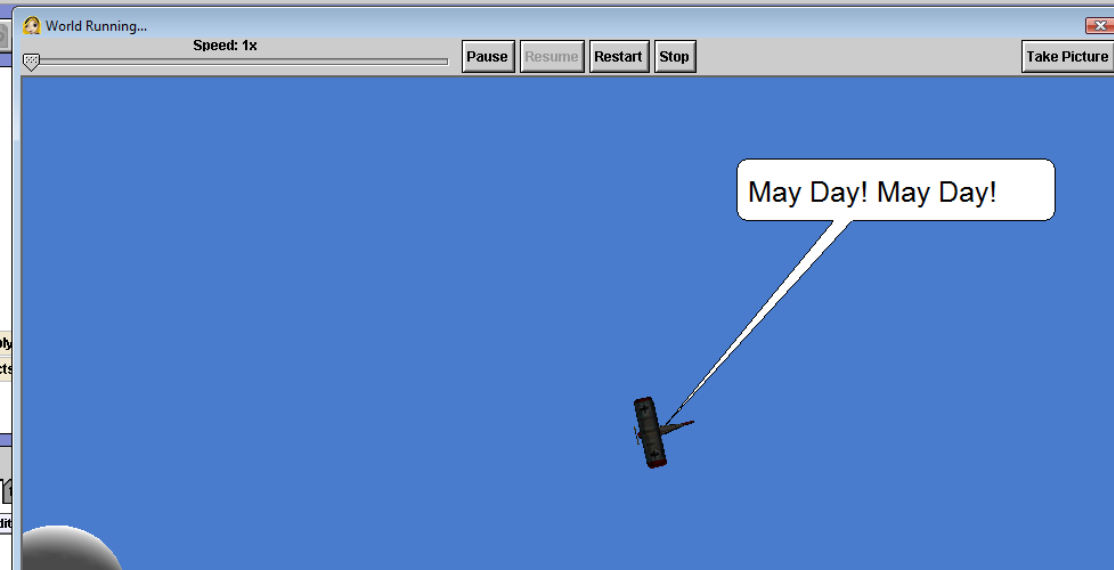
socrates turn to face chair2 more...

randomGuy3 turn to face chair2 more...

camera get a good look at skaterGirl more...

Do in order Do together If/Else Loop While For all in order For all together Wait print

# Michelle's Alice World



**world.my first method**

world.my first method No parameters create new parameter

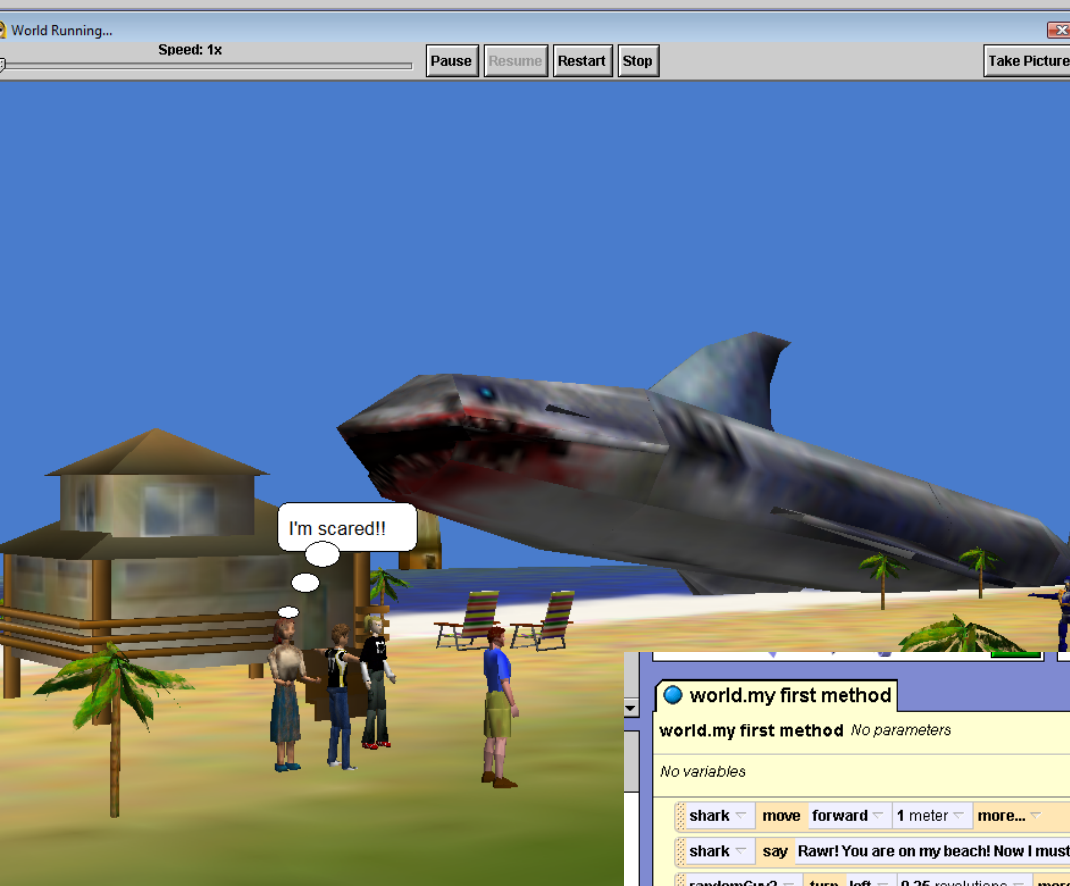
No variables create new variable

- penguin say Hi Roger more...
- bunny.upperBody.rightArm turn left 0.25 revolutions more...
- bunny say Hi popeye more...
- bunny say ooh, look at that! more...
- bunny.upperBody.head turn backward .125 revolutions more...
- bunny.upperBody.rightArm turn forward .4 revolutions more...
- bunny.upperBody.rightArm turn to face biplane duration = 4 seconds more...

**Do together**

- biplane move forward 120 meters duration = 3 seconds style = abruptly more...
- biplane roll left 15 revolutions duration = 3 seconds more...
- biplane.propeller roll left 130 revolutions duration = 3 seconds more...
- biplane play sound world.whoosh1 (0:00.313) duration = 3 seconds more...
- biplane say May Day! May Day! fontSize = 30 duration = 2 seconds more...
- bunny.upperBody.head turn to face biplane duration = 3 seconds more...
- penguin.head turn to face biplane duration = 3 seconds asSeenBy = world more...
- biplane say AAHH!! fontSize = 50 more...

**Do in order** **Do together** **If/Else** **Loop** **While** **For all in order** **For all together** **Wait** **print**



# Leah's Alice World

world.my first method

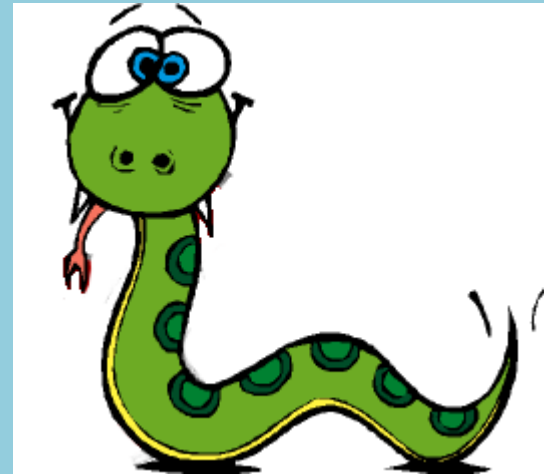
world.my first method *No parameters* [create new parameter](#)

*No variables* [create new variable](#)

- shark **move forward** 1 meter [more...](#)
- shark **say** Raw! You are on my beach! Now I must eat you! *duration = 2 seconds* [more...](#)
- randomGuy2 **turn left** 0.25 revolutions [more...](#)
- randomGuy2 **say** No! I'll never let you eat my family! Or me! *duration = 2 seconds* [more...](#)
- bob **turn left** 0.25 revolutions [more...](#)
- bob **say** Yeah! We're not scared of you tiny little shark! [more...](#)
- shark **resize** 10 [more...](#)
- shark **say** What was that?? [more...](#)
- skaterGirl **think** I'm scared!! [more...](#)
- woman **think** I'm scared!! [more...](#)
- bob **think** Okay, now I'm scared!! [more...](#)
- scubaDiver **move to** beachTerrain *duration = 5 seconds* [more...](#)
- randomGuy2 **point at** scubaDiver *duration = 2 seconds* *asSeenBy = world* [more...](#)
- randomGuy2 **say** HEY SCUBA DIVING GUY! COME OVER HERE! *duration = 2 seconds* [more...](#)
- scubaDiver **move** *amount = 80 meters* **toward** *target = randomGuy2* [more...](#)
- scubaDiver **say** What do you want with me? *duration = 2 seconds* [more...](#)

[Do in order](#) [Do together](#) [If/Else](#) [Loop](#) [While](#) [For all in order](#) [For all together](#) [Wait](#) [print](#) [ff](#)

We learned how to program in Python! We wrote interactive games such as Madlibs and a number guessing game.



```
low - Notepad
File Edit Format View Help
from livewires import *
a=1
while a==1:
    count=0
    x=read_number('choose your range 1 through')
    n=random_between(1,x)
    while 1:
        m=read_number('i have a number in my head! i bet u cant guess it')
        count=count+1
        if m==n:
            print '...darn you got it....'
            print 'it took you', count, 'guess(es).'
            if count==1:
                print 'wow hole in one...'
            break
        elif m>n:
            print 'hahaha to high!'
            if m>x:
                print 'uh dude way too high ur out of teh range!'
                count=count-1
        else:
            print 'hehe to low!'

b=read_number('do you want to play again? yes enter 1, no enter 0')
if b==1:
    print 'ok'
else:
    a=0
    print 'oh well to bad'
```

```
python low.py
Y:\pro\artemis\2008\Students\LiliWilhite\programming>python low.py
choose your range 1 through 20
i have a number in my head! i bet u cant guess it 15
hahaha to high!
i have a number in my head! i bet u cant guess it 10
hahaha to high!
i have a number in my head! i bet u cant guess it 5
hehe to low!
i have a number in my head! i bet u cant guess it 8
hahaha to high!
i have a number in my head! i bet u cant guess it 7
hahaha to high!
i have a number in my head! i bet u cant guess it 6
...darn you got it....
it took you 6 guess(es).
do you want to play again? yes enter 1, no enter 0
```

# Lili's guessing game in Python

# MAD LIBS



World's Greatest Word Game

## Dahlia's MadLibs game in Python



```
madlibs3 - Notepad
File Edit Format View Help
from livewires import *

one = read_string("name of girl: ")
two = read_string("name of place: ")
three = read_string("adjective: ")
four = read_string("noun: ")
five = read_string("noun: ")
six = read_string("noun: ")
seven = read_string("past-tense verb: ")
eight = read_string("name of place: ")
nine = read_string("name of girl: ")
ten = read_string("adjective: ")
eleven = read_string("adjective: ")
twelve = read_string("noun: ")
thirteen = read_string("adjective: ")

print "One day",one,"decided to take a trip to the",two, "."
print "Before she left, she realized she couldn't find her",three,
"keys."
print "She looked around her",four, "under her", five,"and even in
her",six, "."
print "She",seven,"all night, but her keys weren't in sight."
print "She remembered the last time she used them was the night before
when she went to the",eight,"with her friend."
print "so she called her friend",nine,"and asked if she knew where she put
her keys."
print "Her friend told her to look in her",ten,"pockets, and guess what?"
print "Her",eleven,"keys were inside her pockets."
print "She thanked her friend and ran all the way to the",twelve,"with
a",thirteen,"smile on her face."
```

# Field trip to the United Skates of America!



Getting ready to play laser tag...





What we do during break time...

# MAFIA!









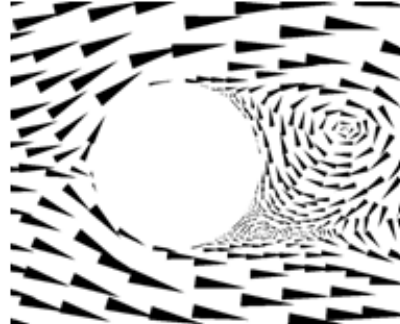


We learned about the visualization of scientific data with Professor David Laidlaw by doing artwork!

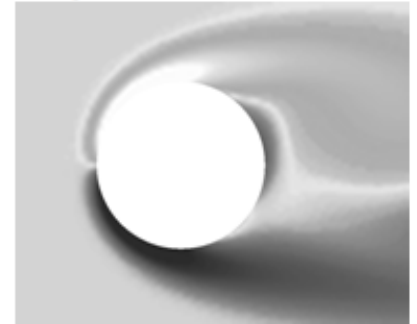


## The Data

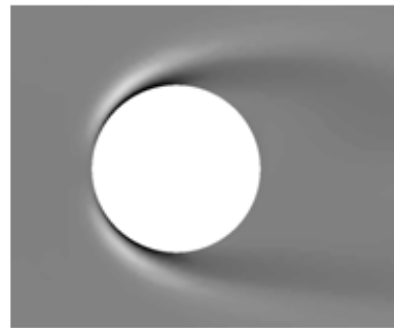
### 2D fluid flow past a cylinder



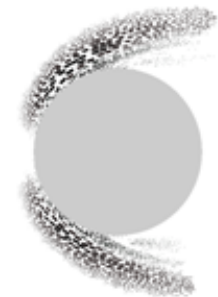
Velocity – speed and direction. Speed is arrow size.



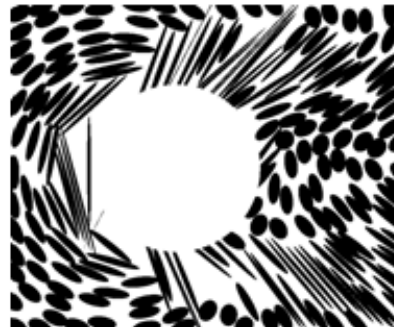
Vorticity – how particles spin. Gray is no spin, lighter is clockwise, darker is counterclockwise.



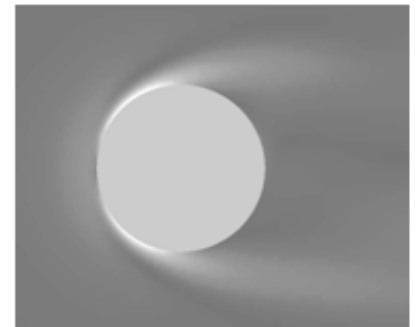
Turbulent charge. Gray is zero. Analogous to electric charge



Turbulent current. Has a magnitude and direction. Analogous to electric current.



Rate-of-strain tensor. How particles squish.



Amount of squishing. Eccentricity of the ellipses to the left. Gray is no squishing.

The data the girls were modeling in their artwork.











Several sheets of paper with text, including a document titled "New York" and other illegible text.



**The Data**  
2D fluid flow past a cylinder

Vorticity - how particles spin. Gray is no spin, lighter is clockwise, darker is counterclockwise.





# Chuc's artwork





Some women from Goldman Sachs  
visited us and told us about their  
jobs!



everything she ever wants in life -- all except a cell phone  
specially for her. She needs a cell phone that can keep up  
with her friends and activities and will look great with her  
accessories.

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### FEATURES

- Can send and receive
- Bluetooth\*
- Games
- Organizer
- Camera
- Calculator
- runs on charge

\*Bluetooth includes



music

to connect

Goldman Sachs had the girls design  
cell phones and then judged their  
entries





# THE KICKR

## FEATURES

- Can send and receive calls
- Messages
- Games
- Camera
- Music player
- Video cam
- MP3 (MP3) (MP3) (MP3) (MP3)







### 3 Historically Successful Women in Computer Science

Ada Lovelace (1815-1852) – considered by many to be the first programmer (male or female). Foresaw potential for computers to be more than calculators.

Grace Hopper (1906-1992) – invented first compiler for a programming language

Anita Borg (1949-2003) – one of the first women to get a PhD in computer science

# We played Jeopardy with Goldman Sachs



JEOPARDY

Ada Lovelace was one of the first women to get this kind of degree in Computer Science.

BLOOD M JOY  
HOWLERS



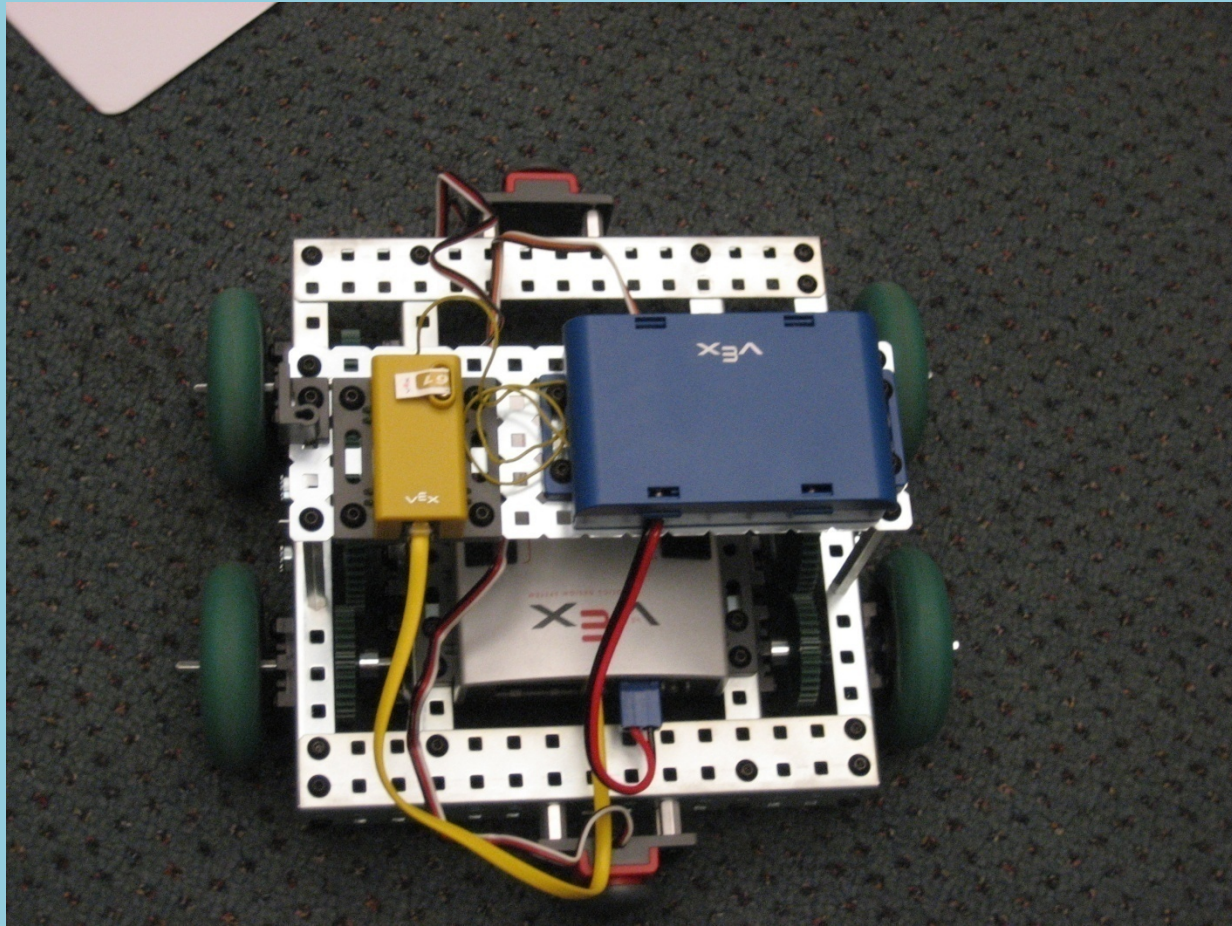
Then they took us out for ice cream!







# We built and programmed robots!





Katherine, Chuc, and Oyebhen building

# Jazmine and Leah programming







We visited the CAVE, an 8 foot cube immersive virtual reality environment. We explored a crater on Mars and a human skull in three dimensions!



18 3 fpx (long, lat) = ( 89.33, -23.42), e = -1447.00 meters, s = 0.00

10 11

[Five rectangular icons]

[Green laser line]





The end.  
Thanks for spending your  
summer with us!

Love,  
Ashley, Emily, Jihan, and Megan

