
What Is It?
Anatomy
Physiology
Blood Pressure
Ways to Avoid
Symptoms
Do you have high blood pressure?
How to check
Effects
FASHION
runway
GARCIA
25


Blood Pressure
Symptoms
Do you have high blood pressure?
How to check
Effects
Bleeding Control:
Bandaging
Wound Packing
Tourniquet
Presented by : Val Paulino
HEALTH SCIENCES ACADEMY
TopCare
Rolled Gauze

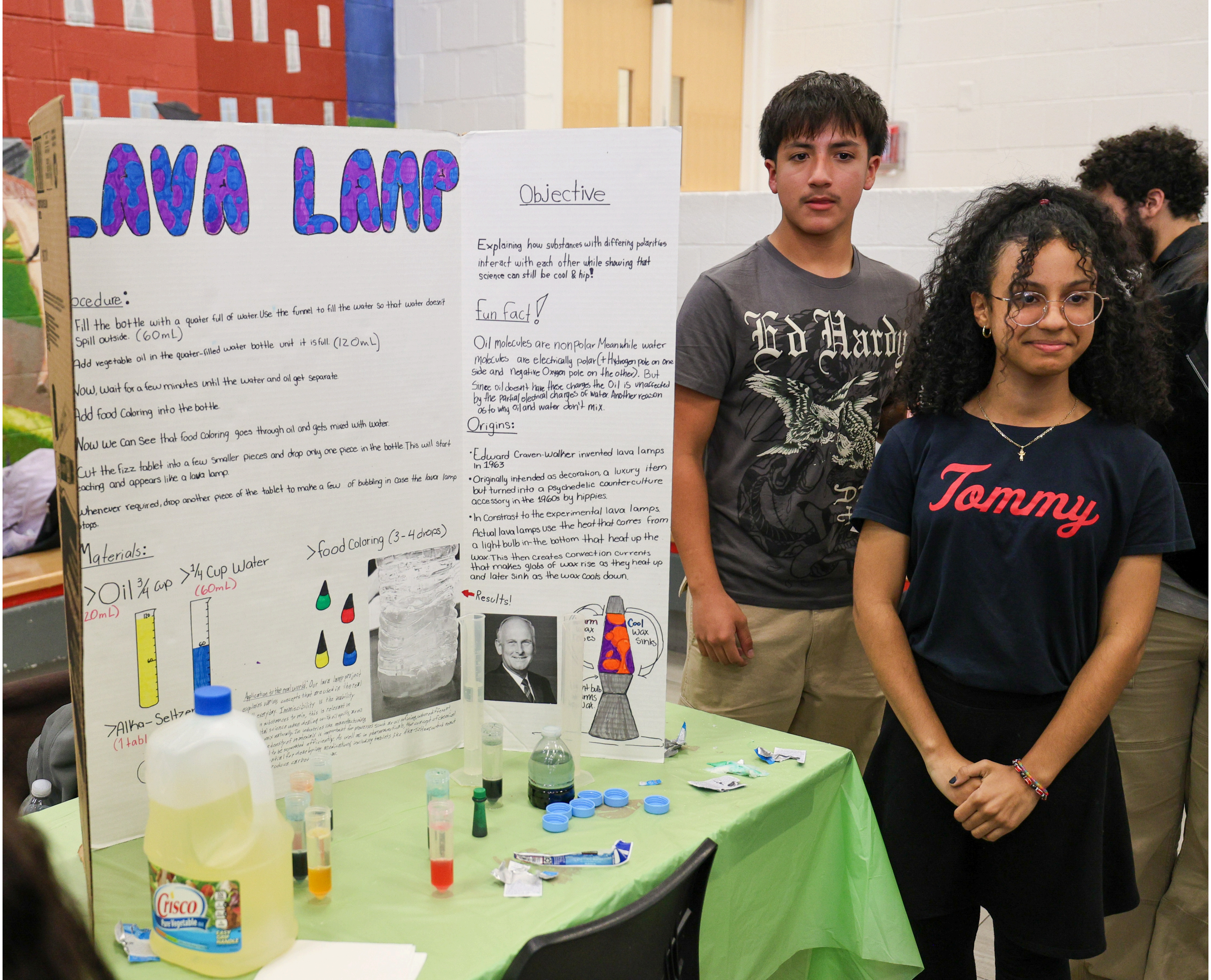

ANATOMY &
PHYSIOLOGY
CORNER


PERTH AMBOY
WOUND
LAB


FASHION
Runway
Anatomy
Physiology
Blood Pressure
DISEASED KIDNEY


Robotics
Club


Strawberry DNA Extraction


LAVA LAMP
Objective
Explaining how substances with differing polarities interact with each other while showing that science can still be cool & hip!
Fun Fact!
Oil molecules are nonpolar Meanwhile water molecules are electrically polar (+ Hydrogen pole on one side and negative Oxygen pole on the other). But Since oil doesn't have those charges the Oil is unaffected by the partial electrical charges of water. Another reason as to why Oil and water don't mix.
Origins:
•Edward Craven-Walker invented lava lamps in 1963
•Originally intended as decoration, a luxury item but turned into a psychedelic counterculture accessory in the 1960s by hippies.
•In Constrast to the experimental lava lamps Actual lava lamps use the heat that comes from a light bulb in the bottom that heat up the wax. This then creates convection currents that makes globs of wax rise as they heat up and later sink as the wax cools down.
ocedure:
Fill the bottle with a quater full of water. Use the funnel to fill the water so that water doesn't Spill outside. (60mL)
Add vegetable oil in the quater-filled water bottle unit it is full. (120mL)
Now, wait for a few minutes until the water and oil get separate
Add food Coloring into the bottle
Now we Can See that food coloring goes through oil and gets mixed with water.
Cut the fizz tablet into a few Smaller pieces and drop only one piece in the bottle This will start eacting and appears like a lava lamp.
whenever required, drop another piece of the tablet to make a few of bubbling in case the lava lamp stops.
Materials:
>Oil 3/4 cup
>1/4 Cup Water
(60mL)
>food Coloring (3-4 drops)
>Alka-Seltzer
Results!
Cool Wax Sinks
Ed Hardy
Tommy
Crisco


Ge
Germanium


H AMBOY
DELL


FACE
CALIFORNIA


Materials
Bioluminiscent Flowers
Purpose
Introduction
Fact: You can also make bioluminiscent flowers using highlighters.
Flower w/ one petals absorbed tonic water under UV light.
Tonic water lights up under UV light because of quinine.
Example of flower lighten up after being soaked in tonic water.
Facts- An ingredient in tonic water, called quinine, absorbes UV and releases it causing it to glow.
Facts pt 2
- Bioluminescent flowers attract nocturnal pollinators such as moths and bats.
This information comes from- Cornell University "Bioluminescent Flowers"
CLEMEN


What Is this?
High blood pressure, also known as hypertension, is when your blood pressure, the force of your blood pushing against the walls of your blood vessels, is consistently too high.
Anatomy
Physiology
Blood Pressure
Do you have high blood pressure?
Way's to Avoid
Eating a healthier diet with less salt, exercising regularly, and taking medications can help lower blood pressure.
Quit smoking tobacco
Stress management consists of a wide spectrum of techniques and controlling a person's level of stress
Exercise is physical activity that enhances or maintains fitness and overall health.
Low sodium diet
Symptoms
!!
Moderate or severe headaches, anxiety, shortness of breath, nosebleeds, palpitations, or feeling of pulsations in the neck are some signs of high blood pressure.
Normal
Systolic
120
Diastolic
80
Hypertension Crisis
Systolic
180+ higher
Diastolic
120+ higher
How to check!
Effects
OMRON
WelchAllyn
Hillrom
Automatic Digital Blood Pressure Monitor
PERTH AMBOY
PANTHERS
ESSENTIALS
FEAR OF GOD
PRIDE


EXIT
SALIDA
storage bags
ICEMANS
THUNDER
Sugar


13
Al
Aluminum
26.9815
Alexander Zayas
PER: 3
19
K
Potassium
39.098
15
P
Phosphorus
30.97