

STEM in the News

During a pandemic, having a romantic dinner seems of little importance, but for some, this holiday represents the love they share and how they care for each other. So several South Coast restaurants are pulling out the stops to make this valentine's day dinner amazing and safe. The restaurants have partnered with Rustic rose floral design and Dunny's fall river to make a romantic garden experience. Rustic rose floral design is making flower carts with small bouquets and small arrangements of flowers. Dunny's fall river will provide desserts that customers will be able to pick-up, order to-go, or enjoy them at the restaurants after lunch and dinner.

"There is only one happiness in this life, to love and be loved." -George Sand

STEM Career Spotlight

If you love giving flowers to people on valentine's day, then you should be a floral designer. Floral designers work with flowers and organize and arrange dried, alive, and silk flowers. On Valentine's day, according to the 2019 sales survey there was an 87% increase in flower sales. The minimal requirements to become a floral designer is a high school diploma. It is an exciting job that brings joy and cheer to other people's lives.

STEM History

Some believe that Valentine's Day is celebrated in the middle of February to commemorate Valentine's deaths. Others believe that the Christian church may have decided to place the St. Valentine's feast in the middle of February in an effort to "Christianize" the pagan celebration, Lupercalia, a fertility festival which is dedicated to the Roman god also known as Romulus and Remus. It was not until much later that Valentine's Day became associated with love for others. During the Middle Ages, it was believed that February 14th was mating seasons for birds. Valentine's Day is now widely celebrated around the world and others show their love by gifting candy, flowers, and many other things.

STEM Curriculum

3-D Valentines

Discipline- ELA

Activity: Make a list of people who you would like to write a warm message to. It could be your family members, friends, teachers, coaches, mentors, church members, etc. Cut out two identical heart shapes and cut one of them halfway up and the other one half way down. Assemble two pieces into a 3D valentine card and right warm messages of love and appreciation. Share your valentines with others and encourage more people to spread the love.

STEM Movies

Lady and the Tramp is a Disney animated classic which follows a pampered cocker spaniel named Lady whose comfortable life slips away once her owners have a baby. Some



intense circumstances arise, Lady finds herself on the loose and out on the street. She is befriended and protected by a tough stray mutt named Tramp. When a

romance begins to blossom between the two dogs their many differences, alongside more drama at Lady's household threatens to keep them apart. Valentine's Day is a day where you show love and care to your loved ones in a special way.

"You will never lose by loving. You will always lose by holding back." -Barbara De Angelis.

#STEM@ADM Spotlight

February is a time for yet another celebration. It is a "Library Lovers Month." This month is dedicated to people who devote their time to helping others find books they love or sources they need. This is a big thank you to Mrs. Leslie Lloyd and Mrs. Tina Greene for all that they do for the ADM library. We appreciate you! Happy Library Lover's Month!

Famous STEM Person

Valentine's Day may have taken its name from a priest who was martyred about 270 CE by the Roman emperor Claudius II Gothicus. Others say it was St. Valentine of Terni, a bishop, for whom the holiday was named. It is possible that they were actually one person.

STEM Challenge

Would you like to create a Valentine's lava lamp?
Materials: 1 jar or bottle, water, 2/3 cooking/baby oil, food coloring, glitter/confetti, Alka Seltzer tablets.

Step 1: Fill the jar/bottle with the oil.

Step 2: Next, fill the rest of the jar with water.

Step 3: Add food coloring and glitter/confetti to the oil+water mixture.

Step 4: Don't mix the ingredients, the chemical reaction looks better when you don't!

Step 5: Finally, add an Alka Seltzer tablet to your mixture to see the chemical reaction!

STEM Facts

People started exchanging cards and handwritten letters during the 17th century, but it was in the 1840s that the first Valentine's Day cards were mass-produced in the U.S., sold by Esther A. Howland. Known as the "Mother of the American Valentine," Howland is credited with commercializing Valentine's Day cards in America, and she is remembered for her elaborate, crafty cards made with lace and ribbons.