

GOOD NEWS SUNDAY FAIRFIELD

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This is our 7th edition of Good News Sunday Fairfield. We want to continue bringing you good and heartwarming stories in these difficult times.

Have you heard of an amazing organization called lasagna love? This organization makes lasagna for people in need. It was started by a mom and a toddler. If you want to help go to www.lasagnalove.com.

A 6-year-old girl named Bethany Moultry is creating care packages for homeless people. The making of these packages was put on hold because of covid-19 but when her mother asked her what she wanted for her birthday; do you know what she asked for? She wanted to help people and not a present for herself. They talked with the homeless organizations to find out where to put them and this really brought the community. If you want to help. Search Bethany's Happy Bags for the Homeless on Amazon or enter

https://www.amazon.com/hz/wishlist/ls/1N1ZTRX8EYZE8/ref=cm_go_nav_hz.

Selah Thompson noticed that some of the new friends she had at school couldn't read. This is a problem happening all over the USA and the world. She told her parents that she wanted to help by giving away 2 million books to children. When Selah's parents did research on this problem, they found some very disturbing information like according to Literacy Inc. "85% of juveniles in the juvenile prison system were functionally illiterate." Now at 8-years-old Selah and her family created an organization called The Empowered Readers Literacy Project. You can go to Empowered Readers Literacy Project | Non-Profit | Atlanta to help. Selah even published her own book and it is part of the distribution list.

This holiday season in our community there are opportunities to help. Operation hope is a good option. You can also drop off gift cards to the Bigelow center (or mail).

Research

Juno

Juno is a satellite made by Nasa to explore Jupiter. Juno was launched on August 05, 2011 on a United Launch Alliance Atlas V-551. Juno arrived to Jupiter on July 4th, 2016. Juno is an orbiter with specific scientific instruments and the record holder for the farthest solar powered mission. Juno is expected to end about July, 2021.

The first instrument on Juno is Gravity Science. This instrument will measure the gravity of Jupiter. Since Jupiter is a gas giant the surface changes and these variations will cause a difference in the gravitational pull of Jupiter. These variations will lead to information on the core of Jupiter.

The second instrument on Juno is JADE Ion Instrument (Jovian Auroral Distributions Experiment). Jade is a group of instruments that will measure the particles coming from the two aruras on Jupiter so we can understand more about our arura.

The next instrument is called JEDI (Jupiter Energetic Particle Detector Instrument). JEDI and JADE work together because while JADE measures the lower energy particles JEDI measures the higher energy particles in Jupiter's atmosphere.

The fourth instrument is JIRAM (Jovian Infrared Auroral Mapper). JIRAM is made of a camera and thermal imager. It will take pictures of the aruras and probe down under the atmosphere. The thermal imager will let us see the temperature of Jupiter beside a normal picture.

Another instrument is called Juno Cam. Juno Cam is a camera that takes a lot of photos fast.

The fifth instrument is a magnetometer or MAG. MAG is a sensor that maps magnetic waves. It is on the outer edge of the spacecraft. Nasa will envelope Jupiter in a net of measurements. This will allow us to understand more about the magnetic field of Jupiter.

The sixth instrument is called MWR (Microwave Radiometer). MWR measures the radiation from the cloud tops in the six frequencies. The data will let us have a 3D map of the cloud tops of Jupiter. Different particles and masses give off deferent levels of radiation so we will know more about the cloud tops.

The next instrument is UVS (Ultraviolet Imaging Spectrograph). UVS works with JEDI and JADE. UVS will take pictures of the aruras in UV light this will allow us to understand the relationship of the arura and the rest of the planet a little more.

The last instrument is Waves. Waves will measure radio and plasma waves in Jupiter's magnetosphere. A magnetosphere is a bubble that a planets gravity makes around the planet.

For more information about Juno go to www.missionjuno.swri.edu/spacecraft/juno-spacecraft.

Name: _____

Fall

Write the letter of the correct match next to each problem.

Created on TheTeachersCorner.net Match-up Maker

- | | | |
|----------|-----------|--|
| 1. _____ | pies | a. A day on when kids get candy |
| 2. _____ | turkey | b. something that starts for kids in the fall |
| 3. _____ | sweaters | c. something that falls off of trees |
| 4. _____ | leaves | d. a sport played during the fall |
| 5. _____ | school | e. a fruit put into a pie that falls from a tree |
| 6. _____ | football | f. Something you wear to stay warm |
| 7. _____ | apples | g. a dessert on thanksgiving |
| 8. _____ | halloween | h. a bird people eat on thanksgiving |

Name: _____

Fall

Write the letter of the correct match next to each problem.

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- | | | | |
|----------|---|-----------|--|
| 1. _____ | g | pies | a. A day on when kids get candy |
| 2. _____ | h | turkey | b. something that starts for kids in the fall |
| 3. _____ | f | sweaters | c. something that falls off of trees |
| 4. _____ | c | leaves | d. a sport played during the fall |
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**Brain
Power**



Have you ever wanted to see awesome art? We now have a great option in town the Moyō Gallery, located at 43 Unquowa Rd. Moyō is Japanese for pattern, design, and figure. This awesome gallery showcases all of these things. The current show is the (small) wall and the show changes every month. Check them out at <https://themoyogallery.com/>



Luken + Co. cyber sale going on now. Enjoy **20% off** select items and free shipping on all orders with code **"welcome"**.

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Happy Holidays



We will be taking a break and return with a digital version ONLY after the holidays. If you want to continue receiving Good News Sunday Fairfield please email us at goodnewssundayfairfield@gmail.com.

ABOUT US

We hope you enjoyed this paper. Prepared by Sofia (9) and Luke (11). If you like this, if you want to receive in digital format or if you don't want to receive it all, please let us know. If you see good news email us at goodnewssundayfairfield@gmail.com Have a great Sunday.