

GENTLE.NEWS

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"Any fool can be happy. It takes a man with real heart to make beauty out of the stuff that makes us weep."

— Clive Barker

Technology & Innovation

Amazing Science Lab Celebrates 20 Years of Discovery

A special science lab has been helping people learn amazing things for 20 years. The lab is called the Spallation Neutron Source. It is in Tennessee.

This lab uses a very clever machine. The machine shoots tiny particles at liquid mercury. This creates neutrons that help scientists see inside materials. It's like having super-powered eyes!

Scientists from all over the world want to use this lab. Thousands apply each year. The best projects get chosen by experts. Scientists can use the lab for free if they share what they learn.

The research helps create better medicines and materials. It also helps with computers and energy. The lab has gotten more powerful over the years. The team keeps making it better and safer.

This lab shows how smart people working together can discover wonderful things. For 20 years, it has been a place where curiosity leads to helpful inventions that make life better for everyone.

Animals & Wildlife

Rangers Bring Fun Learning to Local Schools

Rangers in Montana have exciting news for teachers and students. The Missouri Breaks Interpretive Center is offering free education programs for classrooms and field trips.

Teachers can choose from many fun programs. "Meet the Missouri" takes students on a pretend boat trip down the river. They see places that few people ever visit. "All About Animals" teaches kids about local wildlife and how they survive.

Another program called "Adaptational Artistry" helps students learn about birds. Kids discover how bird bodies help them live and thrive. Then they get to design their own special bird.

The rangers also offer field trips at their center. These two-hour visits are perfect for students in grades 2 through 5. One popular trip teaches about fires in nature and how they help forests and grasslands stay healthy.

All programs follow school curriculum rules. This makes them a perfect fit for regular classroom learning. Teachers from regular schools, homeschool groups, and youth clubs can all sign up for these free programs.

NASA Engineer Helps Send Astronauts to Space

Dan Florez has an exciting job at NASA. He helps plan how to send astronauts safely into space.

Dan works at Kennedy Space Center in Florida. He is part of a team of 20 smart engineers. They are called test directors. Their job is to make sure everything works perfectly for space missions.

When the Artemis I rocket launched in 2022, Dan watched from the roof. The night sky lit up like daytime. The rocket made loud roaring sounds. It was an amazing sight to see.

Now Dan and his team are getting ready for Artemis II. This mission will carry astronauts to the moon. Dan helps plan every step. He makes sure the rocket gets fuel safely. He checks that all systems work right.

Dan's careful planning helps keep astronauts safe. His work makes it possible for people to explore space. Thanks to engineers like Dan, we can reach for the stars.

Amazing Ocean Hearts

Did you know that sea animals have different kinds of hearts? Some have many hearts, and some have none at all!

Sea stars are special creatures with no hearts. Instead, they use seawater to move nutrients through their bodies. They may not have hearts, but they have many arms for hugging! Most sea stars have five arms. Some types can have 10, 20, or even 40 arms.

The clever octopus has three hearts working together. Two hearts pump blood to help it breathe underwater. The third heart sends that blood all around its body. Each of the octopus's eight arms has its own brain too!

The hagfish wins the heart contest with four hearts! These helpful fish clean the ocean floor and keep the sea healthy. They are great escape artists and can slip away from danger.

All these amazing creatures show us how wonderful ocean life can be. Each animal is perfectly made for its underwater home.

Teaching Others to Protect Ocean Fish

Ocean experts from America are helping friends around the world. They teach people how to keep fish safe in the seas.

Teams traveled to Africa and Asia this year. They met with 37 people from six different countries. Everyone learned together in special classes.

The teachers showed how to check shipping boxes properly. They practiced looking inside containers for fish. Students also learned how to check fishing boats on the water.

People from many nations worked as a team. They shared ideas about protecting ocean life. The hands-on practice was the most fun part of learning.

These lessons help keep our oceans healthy. When countries work together, they can save more fish. Everyone goes home with new skills to help sea animals.

Activity Time - Word Search

Find the words below in the puzzle. Words go across or down only.

Words to Find:

RANGERS

SCIENCE

ROCKET

HEARTS

SPACE

STARS

RIVER

