

GENTLE.NEWS

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"It is not that I'm so smart. But I stay with the questions much longer."

— Albert Einstein

NASA Space Telescope Mirror Ready for Launch

NASA has finished checking a special mirror for their new space telescope. The mirror is very large - almost 8 feet across! It will help the telescope take beautiful pictures of stars and planets.

Engineers at NASA spent two days looking at the mirror very carefully. They used special cameras to make sure everything was perfect. The mirror passed all their tests with no problems.

The mirror will collect light from faraway objects in space. This will help scientists see amazing things in our universe. The telescope is called the Roman Space Telescope.

The team is very excited about their work. One NASA manager said it was humbling to see years of hard work come together. Many people and companies helped build this telescope.

The telescope is now ready to launch in early September. Soon it will be looking at space and sending back wonderful pictures for all of us to enjoy.

Technology & Innovation

Scientists Create Smart System for Better Batteries

Scientists have built a new computer system to help make better batteries. The system brings together information from labs across the country.

The project is called ROVI DataHub. It helps scientists share what they learn about batteries. Before this, each lab kept its own information separate. Now they can work together better.

Six major research centers are working on this project. They include labs in different states across America. The scientists want to make batteries that last much longer.

These new batteries could store energy from the sun and wind. This would help provide power even when the sun is not shining. The batteries could help keep our lights on all the time.

The computer system is very secure and safe. It can handle lots of information at once. Scientists hope this will lead to better batteries for everyone to use.

Tiny Fish Help Scientists Watch Ocean Health

Scientists have discovered something wonderful about tiny fish called capelin. These small fish help them understand how our oceans are doing.

Capelin are like nature's helpers in the sea. They feed many larger animals including whales, seals, and seabirds. Salmon and other fish we enjoy eating also depend on capelin for food.

Scientists call capelin "sea canaries" because they show when ocean conditions change. Just like canaries once warned miners about dangerous air, capelin warn us about ocean changes.

These little fish are very nutritious and full of healthy fats. When they swim together in large groups, it makes feeding easier for bigger sea animals. This makes capelin very important to ocean life.

Researchers in Alaska have been watching capelin for twenty years. They study how these fish respond to warmer ocean waters. This research helps scientists better understand and protect our beautiful ocean world.

Animals & Wildlife

Fish Can Swim Home Again After 50 Years

Good news for fish in California! After 50 years, salmon and steelhead can swim freely in Alameda Creek again.

A big pipeline used to block the creek. It made an 8-foot drop that fish could not swim over. The fish could not reach their homes upstream.

Workers moved the pipeline deep under the creek bed. They made the creek flow naturally again. Now fish can swim all the way up to have their babies.

Alameda Creek used to have lots of salmon and steelhead. It was the best place for fish in San Francisco Bay. Soon it might be full of fish again.

This happy ending took almost 30 years of hard work. Many groups worked together to help the fish. They removed 18 different things that blocked the creek. One man named Jeff Miller started this project in 1997. He flew over the creek in a small plane. He saw how beautiful and wild it was. He decided to spend his life bringing the fish back home.

People in Ecuador Talk About Computer Helpers

Smart computer programs are becoming popular in Ecuador. These programs can answer questions very quickly. People use them for school work and job tasks.

Many people type questions on their phones. The computer gives them answers in just seconds. Students use these helpers for homework. Workers use them to finish projects faster.

Different groups in Ecuador are talking about these computer helpers. Schools, government offices, and teachers all have ideas. They want to make sure the programs help everyone.

More than 60 people met at a school in Ecuador. They talked about how to use these computer helpers in good ways. They want to make sure the programs are safe and helpful for all people.

These smart programs are changing how people work and learn. The goal is to make sure everyone benefits from this new technology. People want to use these tools to make life better and easier.

Activity Time - Word Search

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

Words to Find:

COMPUTER

SCHOOL

MIRROR

PEOPLE

SPACE

STARS

WHALE

