

GENTLE.NEWS

In Today's Edition

Science & Discovery

Rocket Ship Brings Science Supplies to Space Station

Technology & Innovation

NASA Creates Super Smart Space Computers

Animals & Wildlife

Fish Return to Florida Waters

Nature & Environment

Scientist Wins Award for Sharing Ocean Data

Health & Wellness

New Medicine Helps Rare Cancer Patients

Activity Time

Word Search Puzzle

*"When you do things from your soul, you feel a river moving in you, a
joy."*

— Rumi

Rocket Ship Brings Science Supplies to Space Station

A special rocket ship will soon fly to the space station! The rocket is made by a company called SpaceX. It will carry thousands of pounds of supplies to the astronauts living in space.

The rocket will blast off from Florida in May. It carries food, equipment, and new science experiments. The trip takes about two days to reach the space station high above Earth.

People from more than 100 countries have done experiments on the space station. For over 25 years, scientists have learned amazing things by doing research in space. The space station floats in zero gravity, which helps scientists study things in new ways.

One new experiment will study tiny bacteria in space. Scientists want to see how these tiny living things act differently when they float in space. Another experiment will study particles that float around Earth.

You can watch the rocket launch on television or the internet. It is always exciting to see a rocket blast off into space!

Technology & Innovation

NASA Creates Super Smart Space Computers

NASA is building amazing new computers for space trips. These special computers are much smarter than the ones used before.

Space computers started in the 1960s during the first moon missions. Those early computers helped astronauts fly to the moon safely. Over the years, NASA has sent computers to Mars and other planets. These tough computers work for years in space.

Now NASA is making computers that are 100 times more powerful. The new computers can do many jobs at once. They use less power and cost less money to build. When parts are not needed, they turn off to save energy.

NASA worked with a computer company to create this new technology. The computers are built extra strong to handle space radiation. They can work on long trips to the moon and beyond.

These smart computers will help future space missions do more exciting things. Astronauts will have better tools to explore space and make new discoveries.

Animals & Wildlife

Fish Return to Florida Waters

Native fish are coming back to Florida canals. Scientists are working with the Miccosukee Tribe to help fish thrive again.

The team spent a week studying fish in the canals. They used special tools to count how many fish live there. This was the first big fish count in this area. The information will help take better care of the fish.

Over 3,000 young bowfin were placed in the old canal. Bowfin are native fish that belong in Florida waters. The fish came from a special fish farm that raises healthy fish babies.

High school students helped release the fish into the water. They learned how important these fish are to nature. The students got to see real conservation work up close.

This teamwork between scientists and the tribe helps protect Florida's waters. When fish populations are healthy, the whole water system does better. These efforts make sure future generations can enjoy Florida's native fish.

Scientist Wins Award for Sharing Ocean Data

Dr. Elizabeth Holmes won a special award in January. She has worked for 25 years studying fish and oceans. Dr. Holmes helps other scientists use ocean data to protect sea life.

She works at a research center in the Northwest. There, she turns ocean information into useful tools. These tools help scientists count fish populations. They also help predict harmful algae blooms in the water.

Dr. Holmes created computer programs to study Pacific salmon. These programs help protect endangered salmon species. She loves teaching other scientists how to use ocean data.

She has taught more than 500 scientists at special workshops. These workshops help people learn about "big earth data." This data comes from satellites and underwater robots. It helps scientists understand our oceans and climate.

Dr. Holmes also teaches at the University of Washington. She organizes ocean science events called "hackweeks." Her work helps scientists share their research with everyone. This makes science more open and trustworthy for all people.

New Medicine Helps Rare Cancer Patients

The FDA approved a new medicine called Bizengri. This drug helps people with a very rare type of cancer.

The cancer forms in small tubes called bile ducts. Very few people get this type of cancer. Until now, doctors had limited ways to treat it.

Bizengri is the first medicine made just for this rare cancer. It works by targeting specific genes that cause the disease. Doctors tested the medicine on 19 patients. More than one-third of them got better.

This approval is part of a special program. The program helps speed up new medicines for rare diseases. It is the seventh medicine approved through this fast-track system.

The medicine company Partner Therapeutics will make Bizengri available. This gives hope to patients and families facing this rare cancer. Doctors now have a new tool to help their patients feel better.

Activity Time - Word Search

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

Words to Find:

COMPUTER

MEDICINE

STATION

SPACE

OCEAN

DATA

MOON

