

GENTLE.NEWS

In Today's Edition

Science & Discovery

NASA Tests New Flying Machines for Mars

Technology & Innovation

Smart Computer Helps Study Earth From Space

Animals & Wildlife

Fish Get New Home in Michigan Lake

Nature & Environment

Beautiful Wildlife Refuge on Guam Island

The World Today

Scientists Begin Building Amazing Underground Science Project

Activity Time

Word Search Puzzle

"You were born with wings, why prefer to crawl through life?"

— Rumi

NASA Tests New Flying Machines for Mars

Scientists at NASA have exciting news about flying machines for Mars. They are building new helicopters that can fly on the red planet.

The team tested special spinning blades in a lab. These blades spin faster than the speed of sound. The tests show the blades are very strong and won't break apart.

NASA ran 137 different tests to make sure everything works well. The new helicopters will be much stronger than the first one. They can carry heavy science tools to study Mars.

Flying on Mars is very hard work. The air there is much thinner than on Earth. This makes it tough for helicopters to stay up in the sky. But the planet still pulls things down with strong gravity.

The first Mars helicopter was called Ingenuity. It made history by flying on another planet five years ago. The new helicopters will do even more amazing things. They will help us learn new facts about our neighbor planet.

Technology & Innovation

Smart Computer Helps Study Earth From Space

Scientists have put a special computer program in space for the first time. The program is called Prithvi and it helps study our planet Earth.

Prithvi is very smart. It learned from 13 years of pictures taken from space. Now it can spot floods and clouds from way up high. It can even see areas where fires have burned the ground.

The scientists sent Prithvi to two places in space. One was a satellite owned by Australia. The other was a special device on the International Space Station where astronauts live and work.

This smart program can study pictures while it is still in space. It does not need to send all the pictures back to Earth first. This saves time and helps scientists learn about our planet faster.

The team that created this program shared their work with everyone. They want other scientists around the world to use it too. This will help us all learn more about Earth and take better care of our beautiful planet.

Animals & Wildlife

Fish Get New Home in Michigan Lake

A beautiful old mansion in Michigan is helping fish find new homes. The Ford House sits next to Lake St. Clair. It was built in the 1920s for the Ford family.

Most of the lake's shore is covered with concrete and rocks. This keeps the water from washing away the land. But fish need natural places to lay eggs and raise their babies. Turtles also need to move between land and water.

The people at Ford House are taking away the concrete. They are putting back plants and natural shores instead. This gives fish, frogs, and birds safe places to live. Visitors can walk on new boardwalks to see the wild-life.

The project will fix one whole mile of shoreline. It will bring back marshes and wetlands too. A new fishing pier will let people enjoy the lake. The work creates homes for many different animals.

Eleanor Ford wanted her estate to help future generations. Now her old home is helping nature come back to life. Fish are already returning to their new habitat.

Nature & Environment

Beautiful Wildlife Refuge on Guam Island

A special place called Guam National Wildlife Refuge sits on a lovely island in the Pacific Ocean. The island of Guam is about 3,800 miles west of Hawaii. This peaceful refuge protects many plants and animals that live nowhere else on Earth.

The refuge has been caring for wildlife since 1993. It covers over 1,200 acres of land and ocean waters. Visitors can explore the Ritidian area, which has beautiful beaches and forest trails.

This land is very important to the local CHamoru people. They have lived on Guam for nearly 4,000 years. Visitors can still see old pottery pieces and stone pillars that tell stories of the island's first families.

The refuge works hard to help three special animals that are very rare. These include the fanihi fruit bat, the colorful Guam kingfisher bird, and the smart Mariana crow. Workers plant native trees and remove harmful plants to make better homes for wildlife.

People love visiting this peaceful sanctuary. They can walk quiet trails, watch birds, and learn about island history. The refuge shows how Americans work together to protect nature for future generations.

Scientists Begin Building Amazing Underground Science Project

Scientists in South Dakota are celebrating an exciting milestone. They are building something very special deep underground.

The project is called DUNE. It will help scientists learn about tiny particles called neutrinos. These particles are everywhere around us. They pass through our bodies millions of times each day.

The team is moving 10 million pounds of steel beams underground. The beams will go down one mile into the earth. This is deeper than most buildings are tall. The steel will help build special detectors.

Scientists from all over the world are working together on this project. They come from many different countries. Everyone is excited to make new discoveries about how our universe works.

This underground laboratory will be one of the most amazing science projects ever built. It will help us understand the secrets of space and matter.

Activity Time - Word Search

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

Words to Find:

CLOUDS

STEEL

TREES

BIRDS

BIRDS

FISH

LAKE

