

# GENTLE.NEWS

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## In Today's Edition

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*"Once you have tasted flight, you will forever walk the earth with your eyes turned skyward, for there you have been, and there you will always long to return."*

— Leonardo da Vinci

### **NASA Shares Amazing Comet Pictures with Everyone**

A special visitor from far away space came to see us! The comet is called 3I/ATLAS. It traveled from outside our solar system to visit Earth and the other planets.

NASA's space telescopes took beautiful pictures of this comet. More than twelve different NASA missions pointed their cameras at the visitor. Scientists wanted to learn all about this rare guest from outer space.

The comet has a bright glow and a long tail of sparkling dust. NASA's Hubble Space Telescope captured amazing photos. Another spacecraft called TESS also spotted the comet as it flew by.

NASA shares all these wonderful pictures with everyone for free. Anyone can look at the comet photos online. Scientists around the world can study them too. This helps us learn more about space.

The comet is now leaving our solar system. It will travel back to the stars far away. But we will always have these beautiful pictures to remember our special visitor. NASA keeps sharing discoveries to help us explore the wonders of space.

### Scientists Help Protect Whales Along Ocean Coast

Scientists are finding new ways to help protect whales along the West Coast. They study the cold ocean water that rises near the shore.

This cold water brings lots of food for sea animals. Whales love to eat in these areas. But fishing boats also come to these waters because there are many fish and crabs to catch.

Sometimes whales get caught in fishing lines by accident. Scientists found that this happens more when the cold water areas get smaller. The whales and fishing boats end up too close together.

The good news is that scientists can now predict when this might happen. They can warn people up to a year ahead of time. This helps fishing crews plan better trips.

Fishing boat captains are happy about this research. They want to catch fish and crabs but also keep whales safe. With better information, they can do both. New fishing tools are also being made to help protect the whales.

### Robot Hand Gently Picks Up Potato Chips

Scientists have created a special robot hand that can pick up very delicate things. The robot hand is so gentle it can lift a potato chip without breaking it. It can also pick up soft raspberries without squashing them.

The robot hand works like a fish fin. Scientists studied how fish fins bend and move. They used this idea to make robot fingers that can feel what they touch. The fingers have air inside them that helps them sense things.

When the robot hand touches something, the air inside changes. This tells the robot how hard to squeeze. If something starts to slip, the robot knows right away. It can hold things just tight enough.

Scientists tested the robot hand on 31 different objects. They tried potato chips, raspberries, and jam jars. They also tested soup cans and apples. The robot hand picked up items correctly 92 times out of 100 tries.

This gentle robot hand could help people in many ways. It might help in hospitals or factories where a soft touch is needed. The robot could help pack groceries or pick up glasses without breaking them.

### **Scientists Discover Where Baby Bluefin Tuna Are Born**

Scientists have made an exciting discovery about bluefin tuna fish. They found out where these amazing ocean creatures have their babies.

For many years, scientists wondered where bluefin tuna spawn. Spawning means having babies in the ocean. These large fish swim very far and live in deep water. This made them hard to study.

A team of scientists worked together for seven decades. They looked at over 35,000 water samples from the ocean. They found almost 5,000 baby tuna in their research. The results surprised everyone.

The scientists discovered that bluefin tuna have babies in many more places than they knew before. The fish spawn near the Bahamas, off the Carolina coast, and in several other ocean areas. Baby tuna are born from April through early August.

The lead scientist, Dave Richardson, was amazed by what they found. When they looked at the same ocean areas year after year, they always found baby bluefin tuna. This shows these fish have been using the same nursery areas for a very long time.

### College Students Design Amazing Ideas for Space Travel

NASA picked 14 college teams to compete in a special contest. The students are designing new ideas for space travel. Their plans could help people live and work on the Moon and Mars.

This contest helps bring schools and space experts together. It helps young people learn about space science. The contest supports NASA's big dream of exploring space for many years to come.

A NASA engineer named Daniel Mazanek praised the students. He said their ideas show great creativity and smart thinking. These young people could become the next leaders in space exploration.

The students worked on four different space challenges. Some teams designed ways to talk and navigate on Mars. Other teams planned power systems for the Moon. Some groups created ways to bring Moon rocks back to Earth.

Schools like MIT and the University of Texas sent in their best ideas. Each team spent months working on their space projects. These bright students are helping NASA plan future missions to explore our solar system.

## Activity Time - Word Search

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

### Words to Find:

OCEAN

SPACE

OCEAN

TOUCH

CHIPS

WATER

STARS

