

GENTLE.NEWS

In Today's Edition

Animals & Wildlife

Scientists Learn About Sea Otters From Native Communities

Science & Discovery

NASA Plans More Moon Missions

Nature & Environment

Amazing Yellowstone Geyser Springs Back to Life

Life & Culture

Space Food for Moon Trip

The World Today

Scientists Make Better Tools for Factories

Activity Time

Word Search Puzzle

"Life is to be enjoyed, not endured"

— Gordon B. Hinckley

Animals & Wildlife

Scientists Learn About Sea Otters From Native Communities

Scientists are working with Native Alaskan communities to learn more about sea otters. They met in Juneau, Alaska to share ideas and knowledge.

Sea otters were brought back to Southeast Alaska in the 1960s. Since then, their numbers have grown steadily. Today there are many more sea otters swimming in these waters.

Sea otters bring both good and challenging things to local communities. People enjoy watching these playful animals in the wild. Native families can harvest sea otters for traditional food and crafts. The otters add beauty and meaning to coastal life.

But sea otters also eat lots of shellfish like crabs and sea cucumbers. This affects local fishing families who depend on these sea creatures. Finding the right balance is important for everyone.

Scientists want to understand how sea otter numbers affect local communities. They are learning from Native Alaskan knowledge keepers. Together, they hope to find ways that help both sea otters and people thrive. This teamwork brings together modern science and ancient wisdom about ocean life.

NASA Plans More Moon Missions

NASA has exciting news about going back to the Moon. The space agency is planning more trips than ever before.

Four astronauts will fly around the Moon this April. Their names are Reid, Victor, Christina, and Jeremy. Jeremy is from Canada. The other three are from America. They will ride in a spacecraft called Orion.

NASA wants to land astronauts on the Moon in 2028. No one has walked on the Moon for over 50 years. The astronauts will explore the Moon's South Pole for the first time.

The space agency plans to send one Moon mission every year. They are making their rockets work better. This will help astronauts travel safely to the Moon and back.

NASA already sent one rocket to the Moon in 2022. No people were on that trip. It was just a test. The test worked perfectly. Now they are ready to send astronauts on the next adventure.

Amazing Yellowstone Geyser Springs Back to Life

A special geyser in Yellowstone National Park is putting on a wonderful show again. The geyser is called Echinus Geyser. It shoots hot water high into the air.

This geyser is very special. It is the world's largest acidic geyser. That means its water is a little sour, like orange juice. The acid is very mild and safe to be around.

The geyser got its name in 1878. A scientist thought the rocks around it looked like sea urchins. These are spiky ocean animals. The rocks have the same bumpy, spiky shape.

The geyser pool is about 66 feet across. That's bigger than most swimming pools. The water has a pretty red color around the edges. This comes from natural minerals in the ground.

Echinus Geyser lives in a place called Norris Geyser Basin. This area has many hot springs and geysers. It is one of the most active areas in all of Yellowstone. Visitors love watching the water shoot up into the sky.

Space Food for Moon Trip

NASA is planning special meals for astronauts going to the moon. Four brave space travelers will fly around the moon on a mission called Artemis II.

The astronauts will eat breakfast, lunch, and dinner every day. They can also have two special drinks each day. Some astronauts might choose coffee as one of their drinks.

All the food must be very safe and easy to eat. The space ship has no refrigerator, so fresh food cannot come along. Instead, the astronauts will eat foods that stay good without cooling.

NASA food experts work with the astronauts to pick the best meals. They make sure each person gets enough nutrition and foods they enjoy eating.

Eating in space is different than on Earth. Everything floats around! The foods cannot make crumbs that would float everywhere. NASA has learned a lot about space food over many years of sending people to space.

Scientists Make Better Tools for Factories

Scientists have found a smart way to make factory tools work better for longer. These tools are called catalysts. They help make many things we use every day.

Catalysts are tiny metal pieces smaller than you can see. They help factories make plastics, medicines, and fuels. The problem is that heat makes these tiny tools clump together over time. When they clump, they don't work as well.

Scientists at a big research lab studied copper catalysts. Copper is a shiny orange metal. They found something exciting. Adding just a tiny bit of platinum helps a lot. Platinum is a precious silver-colored metal.

The platinum acts like a helper. It keeps the copper pieces from sticking together when things get hot. This means the catalysts stay small and keep working well for much longer.

This discovery could help factories make products better. It might also help them save money. The scientists are happy because their work will help make many useful things for people everywhere.

Activity Time - Word Search

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

Words to Find:

SCIENCE

COPPER

SPACE

ROCKS

WATER

OCEAN

MOON

