

GENTLE.NEWS

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"There are no facts, only interpretations."

— Friedrich Nietzsche

Snow Creates Beautiful Views at Grand Canyon

The Grand Canyon looked extra special this winter. An astronaut floating high above Earth took amazing photos of the famous canyon covered in white snow.

A winter storm had just passed through Arizona. Snow fell for two days across much of the country. When the sun came out, it revealed a magical sight at the Grand Canyon.

The snow stayed on the high edges of the canyon. The South Rim sits 7,000 feet above sea level. The North Rim is even higher at 8,000 feet. Both rims were covered in a beautiful blanket of white.

Snow is normal at the Grand Canyon in winter. The South Rim usually gets about 58 inches of snow each year. The North Rim gets much more - about 142 inches. Down at the bottom of the canyon where it's warmer, the storm brought rain instead of snow.

The photos show how snow can make the Grand Canyon look completely different. The white covering made the deep canyon look almost like snow-capped mountains. This happens because of how our eyes see light and shadows from far away.

Young Scientist Helps Save Animals From Climate Changes

A college student spent her summer helping animals adapt to our changing world. Andie May Hardin worked with scientists to study how we can move animals to safer places.

Climate change is making life harder for many animals. Wildfires happen more often now. Floods and storms are getting stronger. Animals need our help to find new safe homes.

Scientists have a special way to help called conservation translocations. This means carefully moving animals to better places where they can survive. Andie helped create a list of all the research done on this topic.

She studied many different animals including turtles, colorful coral reefs, salmon, and small tropical fish. Each animal needs different kinds of help. Some turtles in Australia were moved to areas with more rainfall.

This research helps scientists learn the best ways to protect animals. When animals have safe places to live, they can have babies and grow their families. Andie's work will help many creatures for years to come.

Lab Honors Veterans for Fifth Year Running

A special workplace has won a big award for helping military veterans find good jobs. Sandia National Laboratories got the top honor from the U.S. government for the fifth year in a row.

The lab does important work for our country's safety. They love hiring people who served in the military. Last year, one out of every five new workers was a veteran.

The veterans do very well at their new jobs. Most of them stay working there for over a year. The lab helps them feel welcome and valued.

Brian Maloney works at the lab and used to serve in the Air Force. He says veterans make great workers because they know how to serve others. They fit right in with the lab's important mission.

The lab has a special group that helps veterans get settled in their new jobs. They make sure former military members feel at home. This caring approach helps everyone succeed together.

Smart Phones Help Doctors in Africa

Doctors in Africa are using smart phones to help sick people faster than ever before.

A young farmer in Kenya felt sick with a fever. He went to a small clinic near his home. Ten years ago, he would have waited weeks to find out what was wrong.

But in 2024, something amazing happened. A health worker took a picture of his blood with a regular smart phone. The phone was connected to a special microscope that costs only fifty dollars.

A computer program looked at the picture right away. In just ninety seconds, it knew the farmer had malaria. The computer was right 98 percent of the time. That's better than most lab workers!

The farmer got the right medicine that same day. He didn't have to wait or worry. Now over 420 clinics in Kenya use this smart phone system. Doctors are giving patients better care faster than ever before.

Scientists Create Tool to Help Tiny Organisms Work Better

Scientists have made a helpful new computer tool. It works with very tiny living things called microbes. These tiny organisms are so small you need a special microscope to see them.

The new tool is called MIJAMP. It helps scientists understand how microbes protect themselves. Microbes have their own defense systems, just like our bodies do. They use special chemical markers to guard against harmful invaders.

Before this tool, scientists needed a whole week to study these defenses. Now they can do the same work in just a few hours. This makes their research much faster and easier.

Scientists want to use these microbes to make useful products. They can help create clean fuels and other helpful materials. The microbes act like tiny factories that make things we need.

The tool reads the microbe's instructions, which are written in something called DNA. It finds the special markers that act like switches. When scientists understand these switches better, they can help the microbes work even better for us.

Activity Time - Word Search

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

Words to Find:

ANIMALS PHOTOS WINTER SUMMER
EARTH STORM SNOW

S	U	M	M	E	R	F	U	C	G	K
O	W	Z	G	M	O	U	Z	K	K	Z
B	I	E	V	X	U	Z	H	B	G	K
F	N	O	S	T	O	R	M	A	W	Y
E	T	A	P	X	B	S	N	O	W	T
N	E	P	H	L	D	J	Q	B	Y	S
S	R	M	O	A	N	I	M	A	L	S
L	G	G	T	P	V	J	T	V	O	I
L	Y	T	O	G	E	A	R	T	H	P
J	X	D	S	K	D	W	N	H	M	L
I	E	V	D	I	B	N	N	C	K	Z