

GENTLE.NEWS

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"I cannot remember the books I've read any more than the meals I have eaten; even so, they have made me."

— Ralph Waldo Emerson

NASA Telescope Will Study Center of Our Galaxy

NASA has a wonderful new space telescope coming soon. It is called the Roman Space Telescope. This amazing telescope will look at the center of our galaxy, the Milky Way.

The center of our galaxy is very crowded with stars. There are millions of stars packed together there. The telescope will take pictures of this busy area every 12 minutes.

Scientists are excited to learn new things. They want to find planets around other stars. They also want to study black holes. Black holes are special places in space where gravity is very strong.

The telescope will work for five years. It will spend most of its time looking at three different areas of space. One area is right at the center of our galaxy.

This project will help us learn amazing things about space. Scientists from around the world are working together on this exciting mission.

Cancer Survivors Can Stay Healthy With Good Habits

Young people who beat cancer may age faster than others. But there is good news. They can slow this down with healthy choices.

A new study looked at young cancer survivors. Scientists found their bodies and brains age quicker after treatment. This can affect memory and thinking skills.

The research was done by doctors at top hospitals. They studied about 1,400 people who had cancer as children or young adults. All were healthy for at least five years after treatment.

Dr. AnnaLynn Williams led the study. She is a cancer survivor too. She says young survivors have many good years ahead of them.

The best news is that healthy habits can help. Survivors can exercise more and eat better foods. They should not smoke. Getting enough sleep helps too.

These simple changes can make a big difference. They can help survivors feel better and live longer, healthier lives.

Dr. Williams wants to help survivors finish school and start careers. With the right care, they can reach their goals and enjoy full lives.

Small Earthquakes Near Hawaii's Kilauea Volcano

Scientists are watching small earthquakes near Hawaii's Kilauea volcano. The earthquakes are very tiny and happen deep underground.

Kilauea has been erupting since December 23rd. The volcano had been very quiet with almost no earthquakes. But since January 12th, small earthquake groups have started happening.

These earthquake swarms are short. They last about 30 minutes each. The earthquakes are very small - most are less than 1.5 in size. Scientists found up to 25 earthquakes in one group.

The earthquakes happen 1 to 2 miles beneath the volcano crater. Scientists think this means the underground magma chamber is changing pressure. When lava fountains erupt, the chamber deflates. During quiet times, it slowly fills back up.

Scientists study these patterns to understand how the volcano works. They compare current activity to past eruptions from 1959 and 1969. This helps them learn what might happen next.

The volcano observatory watches Kilauea carefully every day. They use special tools to measure ground movement and earthquake activity. This helps keep people safe and informed.

NASA Asks Volunteers to Help Track Moon Mission

NASA has chosen 34 volunteers from around the world to help track a special space mission. The mission is called Artemis II. It will send four astronauts around the Moon.

The volunteers will use radio equipment to follow the spacecraft during its 10-day journey. Some volunteers work for companies. Others are teachers or amateur radio hobbyists. They will listen for radio signals from the spacecraft as it travels to the Moon and back.

This mission is very important for NASA. It helps prepare for future trips to the Moon. NASA wants to build a base on the Moon someday. This could help astronauts travel to Mars in the future.

The volunteers are helping NASA test new ways to track spacecraft. NASA usually does all the tracking itself. But now they want help from people and companies around the world. This teamwork will make space exploration stronger and more exciting.

The mission shows how people everywhere can help with space exploration.

New Computer Tool Helps Find Skin Cancer Early

Scientists are working on a smart computer tool. It can look at pictures of skin spots and moles. The tool helps doctors find skin cancer faster.

The computer program works like a helpful assistant. It does not replace doctors. Instead, it helps doctors see which skin spots need more care. This is very good news for people who live far from skin doctors.

Finding skin cancer early is very important. When doctors find it early, treatment works much better. The computer tool could help save many lives.

The scientists tested their tool with 400,000 pictures of skin. They used three different computer programs together. When working as a team, the programs were right 92% of the time. That means they found skin cancer correctly in 92 out of 100 cases.

This new tool will be very helpful in small towns. Many people cannot easily visit skin doctors. The computer helper could give them better care closer to home.

Activity Time - Word Search

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

Words to Find:

COMPUTER HEALTHY PEOPLE SPACE
STUDY YOUNG MOON

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