GENESIS GLOBAL SCHOOL

Promising Futures

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LATEST ADVANCEMENT SCIENCE ENVIRONMENT RELATED

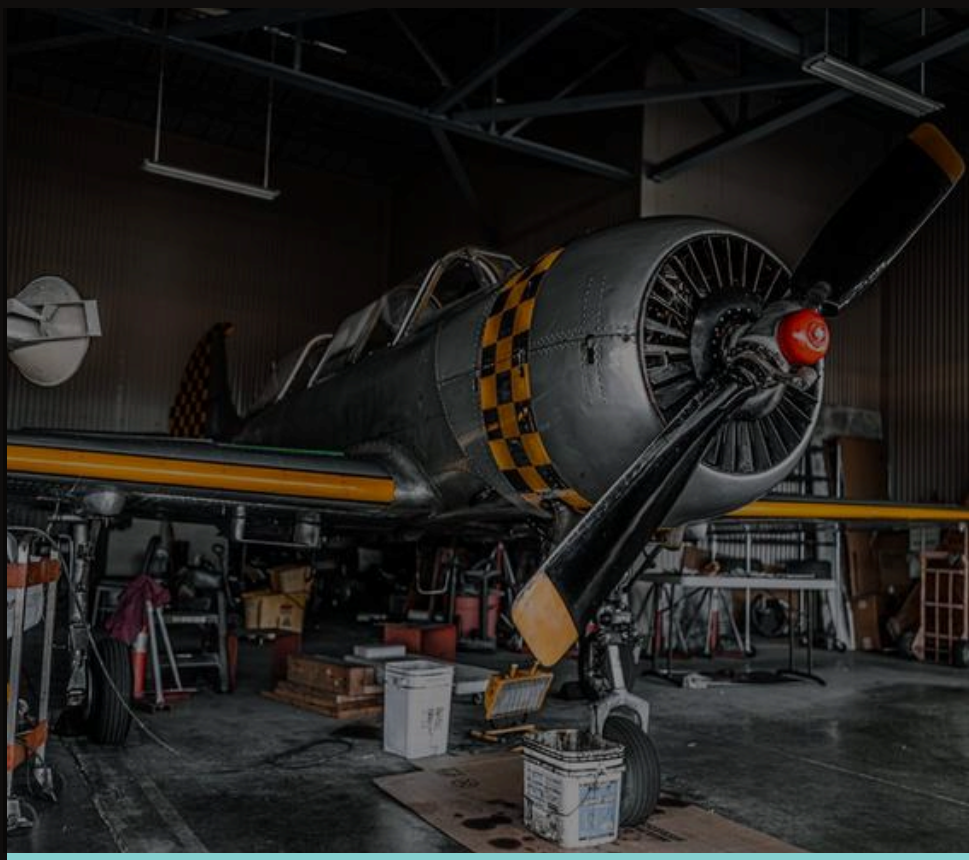
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EDITOR-IN-CHIEF



C C B
MANAGING DESIGNER



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CONTENT DESIGNER



n CB C
CONTENT DESIGNER

MEET THE TEAM

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FLIGHT AT THE

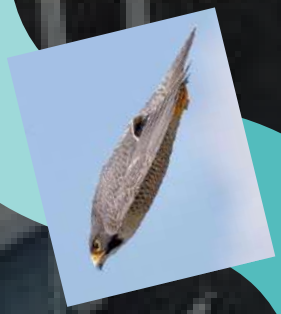
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LASER | ISSUE 8



5 extremes of flight





02 HIGHEST

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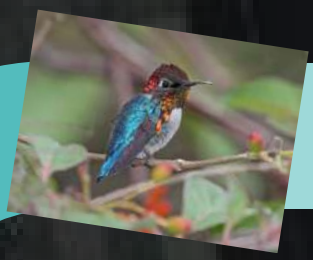




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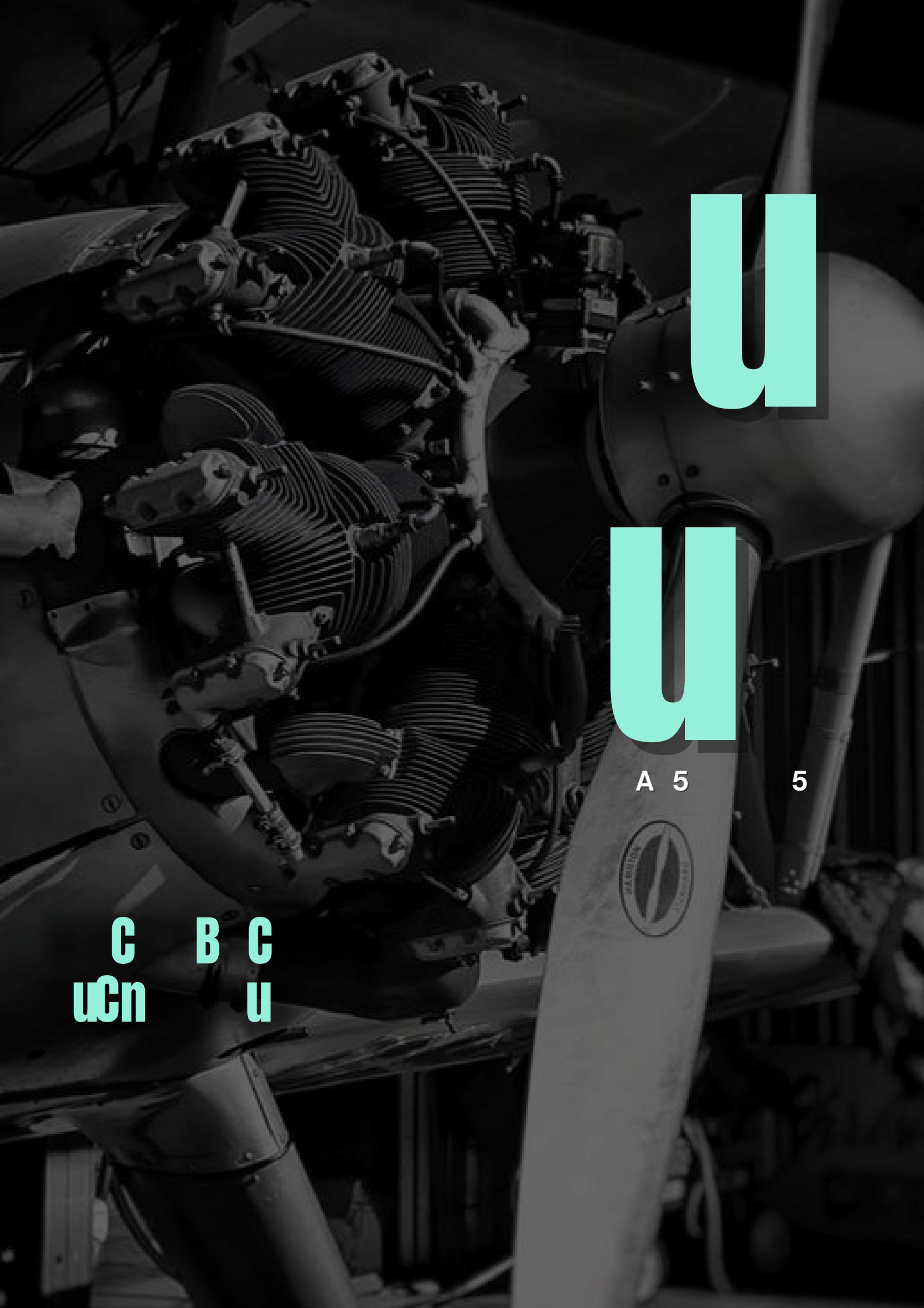


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The X1 is more than a prototype. It is a flying test laboratory. Engineers are using it to test electric propulsion, batteries and flight-control systems in real-world conditions. The data collected could help shape the next generation of short-haul passenger aircraft.

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Predators in the Night

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How the earliest birds took to the skies



A model of the earliest bird, Archaeopteryx



DID YOU KNOW?


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BEYOND THE CLOUDS...







BEYOND THE CLOUDS...









THE WORLD OF FLIGHT.

HAVE YOU EVER WATCHED AN AIRPLANE FLY ACROSS THE SKY AND WONDERED HOW IT STAYS IN THE AIR? THE WORLD OF FLIGHT IS FULL OF DISCOVERIES. FROM BIRDS TO AIRPLANES AND ROCKETS, FLIGHT HAS CHANGED THE WAY WE LIVE AND EXPLORE.

BIRDS WERE THE FIRST TEACHERS OF FLIGHT. BY STUDYING THEIR WINGS, SCIENTISTS LEARNED HOW TO BUILD AIRPLANES. IN 1903, THE WRIGHT BROTHERS MADE THE FIRST SUCCESSFUL POWERED FLIGHT. TODAY, AIRPLANES HELP MILLIONS OF PEOPLE TRAVEL SAFELY AROUND THE WORLD.
FLIGHT IS JUST NOT ABOUT AIRPLANES. HELICOPTERS SAVE LIVES DURING EMERGENCIES, DRONES HELP FARMERS AND DELIVER MEDICINES, AND ROCKETS CARRY ASTRONAUTS INTO SPACE. SATELLITES LAUNCHED BY ROCKETS HELP US PREDICT THE WEATHER, USE GPS, AND COMMUNICATE WITH PEOPLE ACROSS THE WORLD.

THE FUTURE OF FLIGHT IS EXCITING. SCIENTISTS ARE DEVELOPING CLEANER AIRPLANES, FLYING TAXIS, AND SPACECRAFT FOR FUTURE SPACE MISSIONS. THESE INVENTIONS WILL MAKE TRAVEL FASTER, SAFER, AND BETTER FOR OUR PLANET.

THE WORLD OF FLIGHT TEACHES US THAT EVERY GREAT INVENTION BEGINS WITH A DREAM. WITH CURIOSITY, IMAGINATION, AND SCIENCE, WE CONTINUE TO EXPLORE NEW HORIZONS AND REACH GREATER HEIGHTS.





POEM

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When I look up at the sky,
I see birds flying high.
They remind me to dream each day,
And never let my hopes fly away.

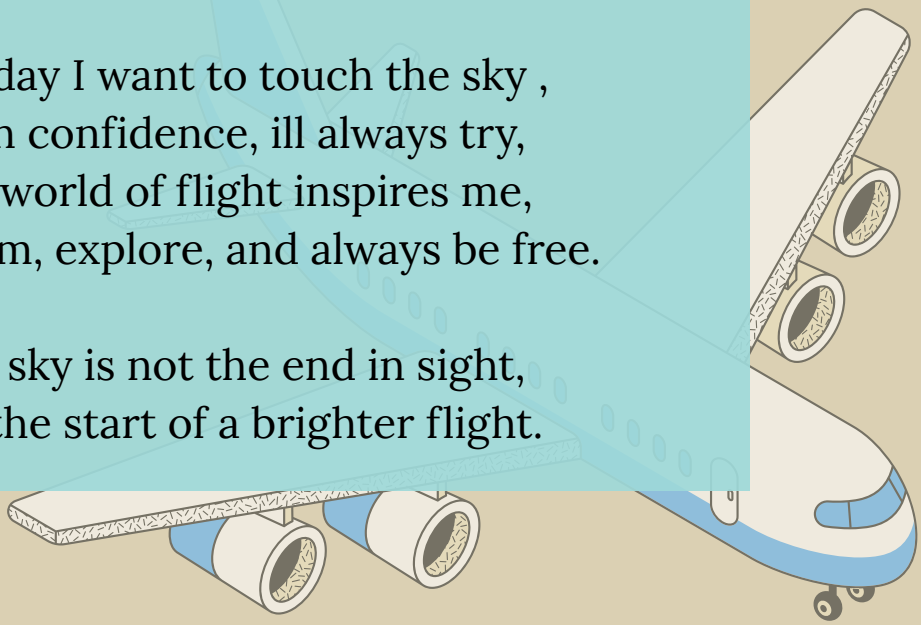
Airplane travel far and wide,
Across the oceans with pride.
They bring people close together,
In every season and weather.

Rockets race beyond the sky,
Reaching planets way up high.
They help us learn about space,
A magical and endless place.

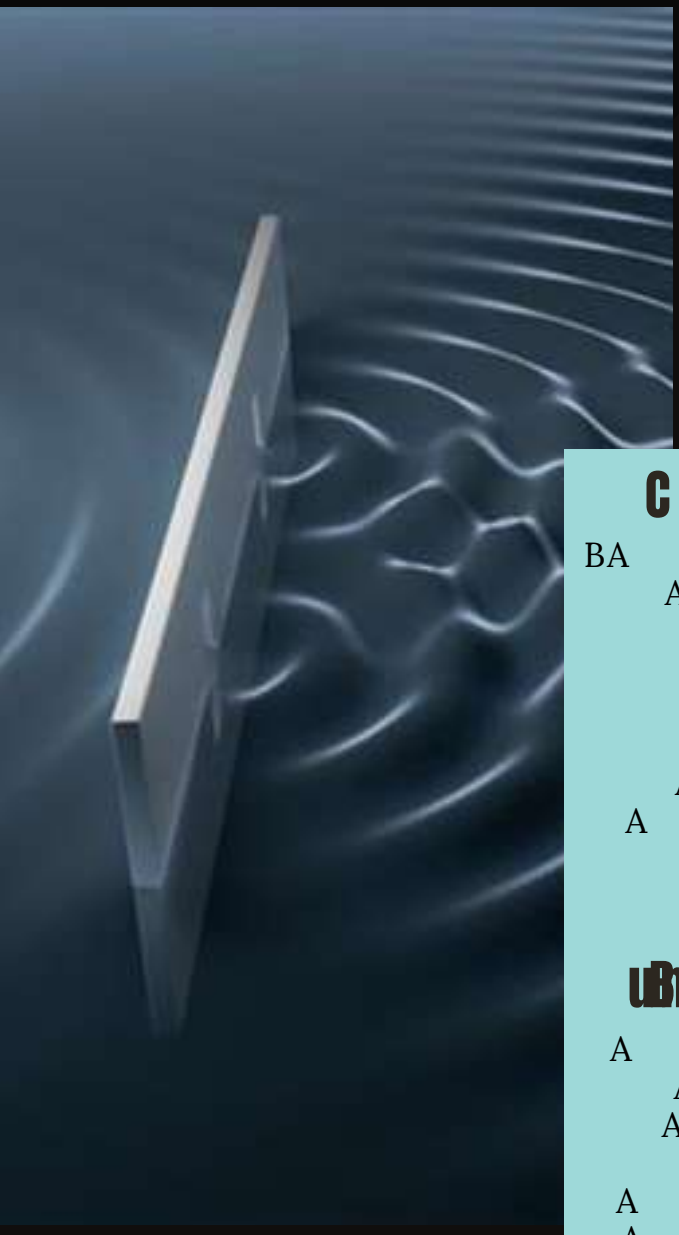
Science has made dreams come true,
With ideas fresh and new.
Every invention starts with the dream,
And a curious mind full of hope and teamwork.

One day I want to touch the sky ,
With confidence, ill always try,
The world of flight inspires me,
To dream, explore, and always be free.

The sky is not the end in sight,
It is the start of a brighter flight.



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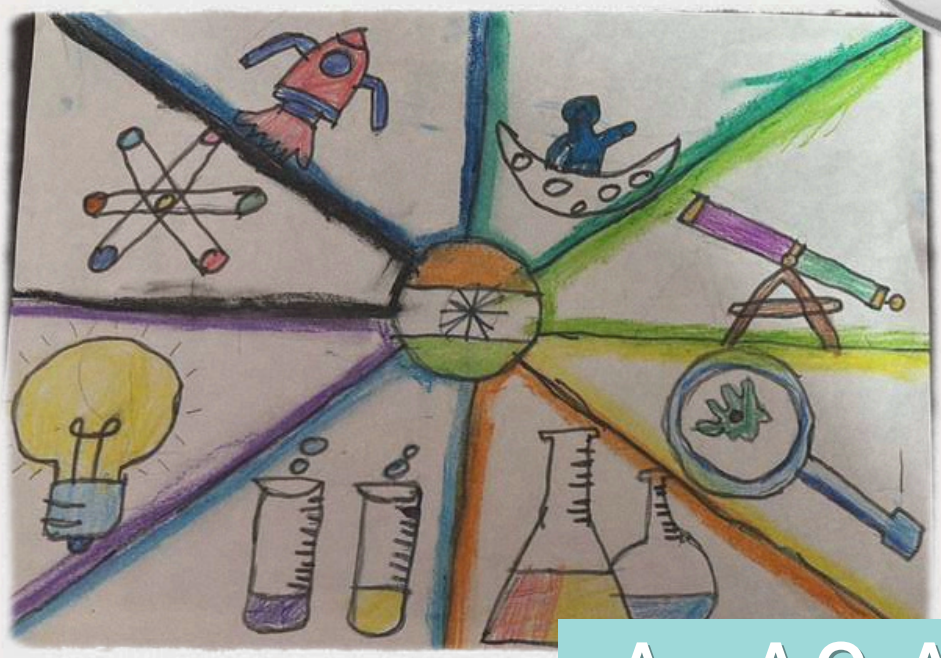
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A Canvas in Flight



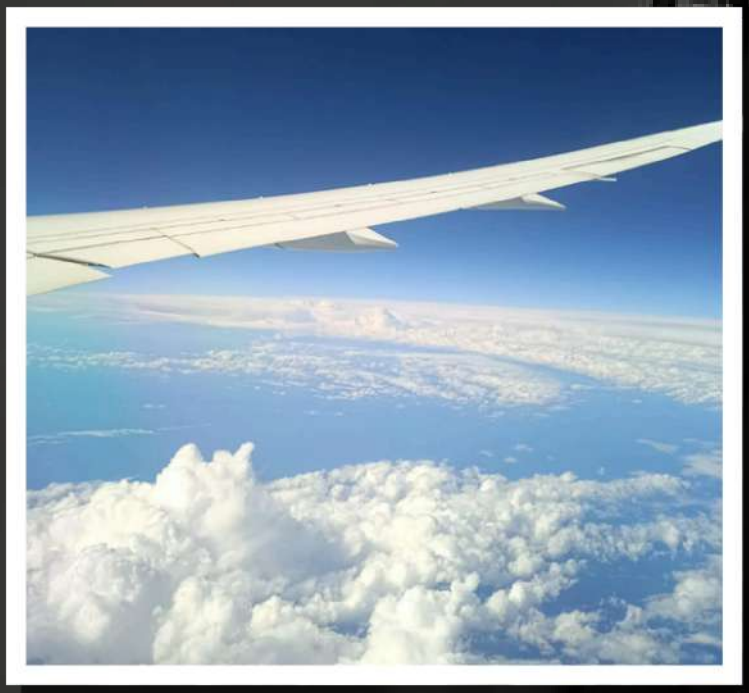
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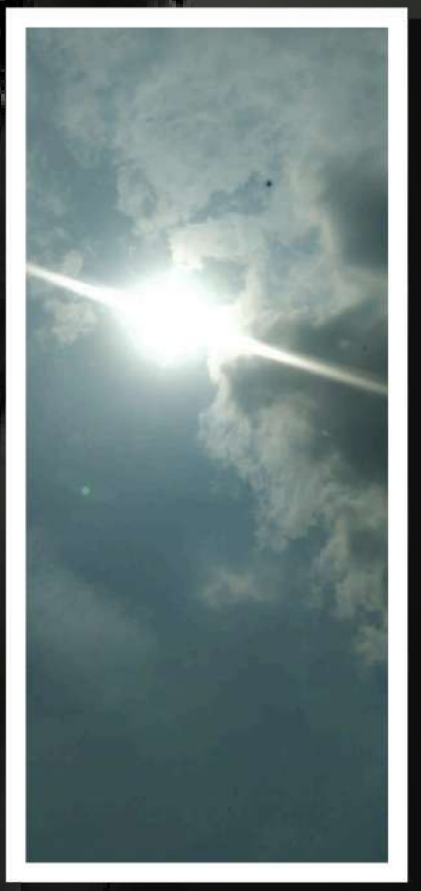




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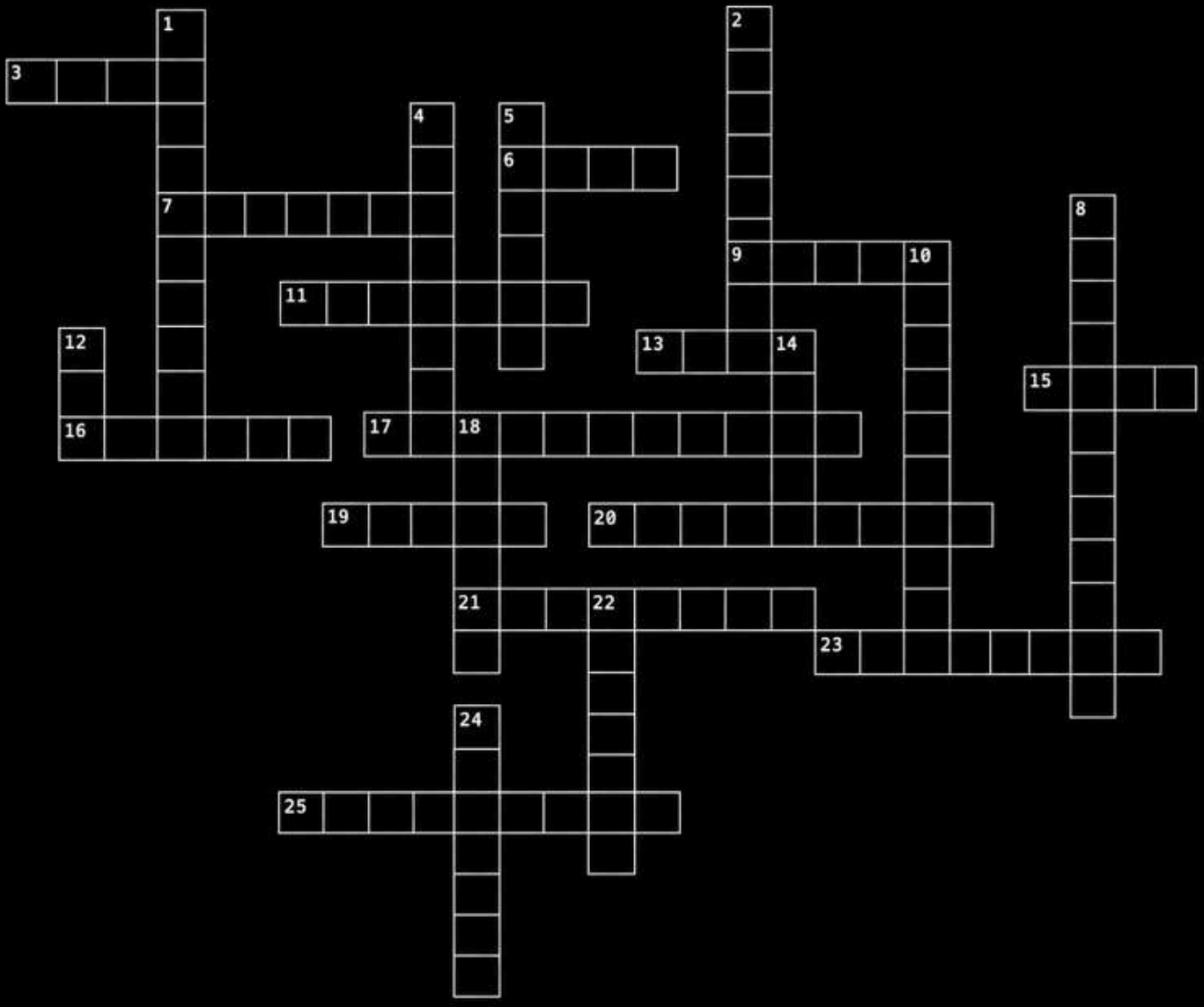
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Across

[3] A lightweight object flown using wind
[6] The upward force that keeps an aircraft airborne
[7] The section where an aircraft is controlled
[9] A person who operates an aircraft
[11] A structure that helps birds fly and stay warm
[13] The main structure that produces lift
[15] A movable surface that helps an aircraft take off and land
[16] The forward force produced by an engine
[17] Designed to move efficiently through air
[19] An unmanned aircraft controlled remotely or autonomously
[20] Rotating blades that produce thrust
[21] The science and practice of flying aircraft
[23] A flight control surface that helps control pitch
[25] Seasonal movement of animals from one region to another

Down

[1] An aircraft with rotating blades that can hover
[2] The distance from one wingtip to the other
[4] Height above sea level
[5] An aircraft that flies without an engine
[8] A method bats use to navigate using reflected sounds
[10] Irregular movement of air that can cause a bumpy flight
[12] An aircraft powered by a jet engine
[14] To fly smoothly without powered propulsion
[18] A strip used for aircraft takeoff and landing
[22] A person who flies an aircraft
[24] Flying by using rising currents of air

BRAIN TEASERS

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FACTS



Hot-air balloons rise because hot air is lighter than cool air

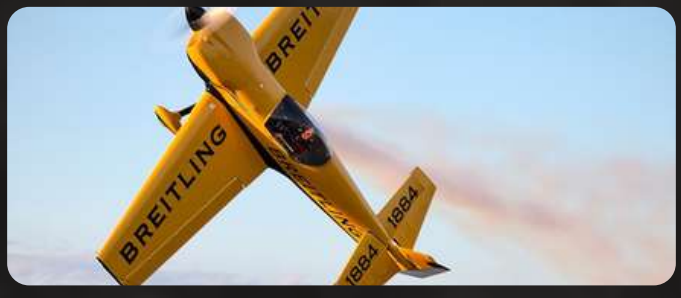


Four important forces in flight are travel, lift, thrust, drag, and gravity.

Airplane windows are curved to spread out air pressure evenly and stop cracks from forming.



Aerobatic airplanes are specially designed to perform inverted flight





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EXPLORE FURTHER

NASA - AERONAUTICS

HOWSTUFFWORKS - SCIENCE

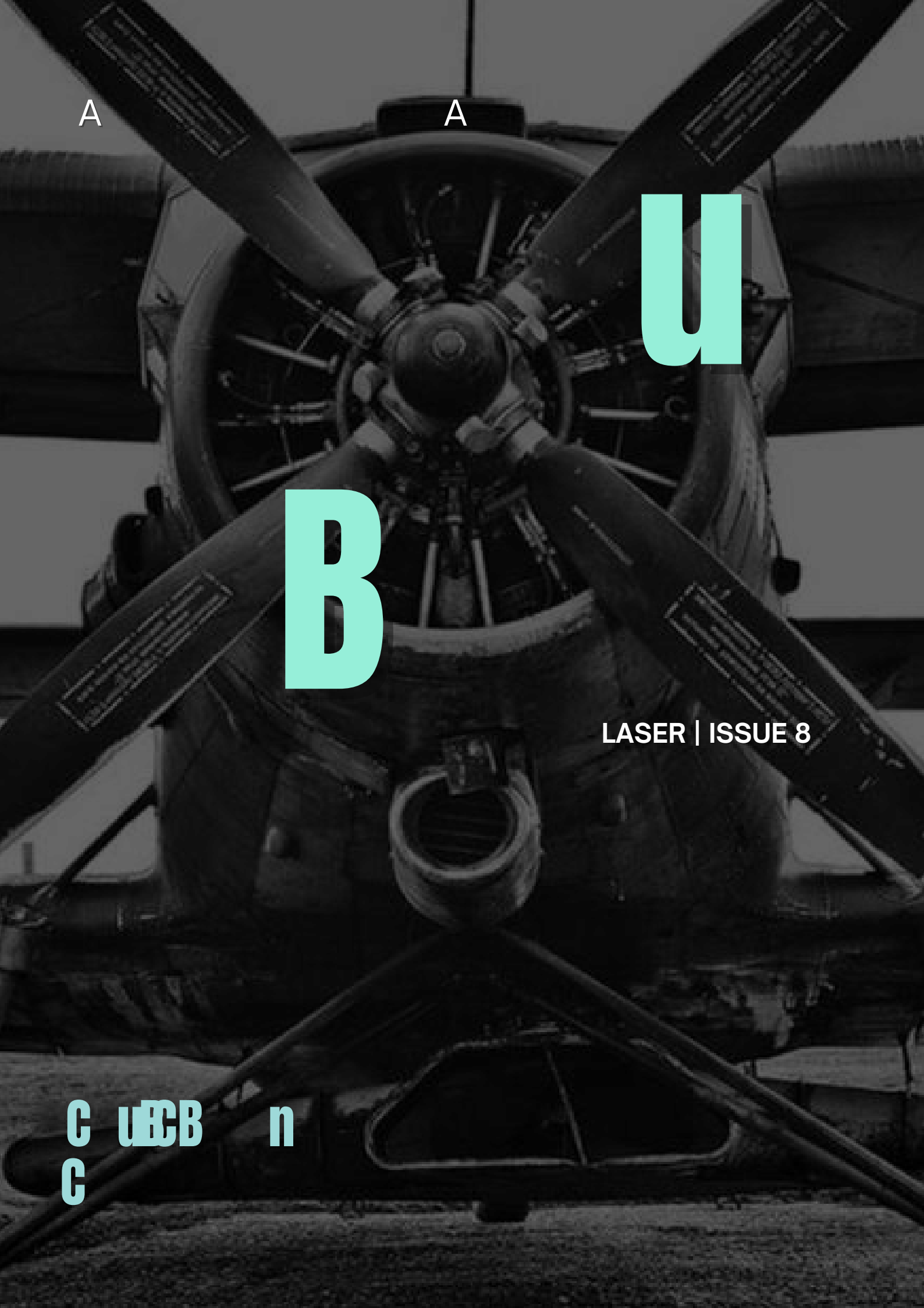
EUROPEAN SPACE AGENCY - SPACE TRANSPORTATION

SMITHSONIAN NATIONAL AIR AND SPACE MUSEUM

NASA - GLENN RESEARCH CENTER

NASA - BEGINNER'S GUIDE TO AERONAUTICS

https://www.grc.nasa.gov/www/k-12/airplane/



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LASER | ISSUE 8

C uBCB n
C


HOW TO FLY


200+ PASSENGERS
3 BATHROOMS
LETS GIVE EVERYONE A
DRINK AT THE SAME TIME


BEFORE THANKSGIVING:
AFTER THANKSGIVING:


TRUST ME,
I'M AN ENGINEER


I HAVE A V16 ENGINE WITH OVER
1000 HP


atcmemes.com
THAT'S CUTE


Boening - 747
Lufthansa
BOINGing - 747


I hope it's a ps5

The World of Flight

Flight has always sparked curiosity, from the first attempts to leave the ground to the aircraft and spacecraft that connect our world today. As we explore the skies, we also discover new possibilities for travel, technology, and adventure. The world above us is vast, and there is always more to explore.





THANK YOU FOR READING!

If you have any articles, poems, or creations related to the field of science you'd wish were published in the next edition, please send them at:

lasercbse@gmail.com

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