

WELCOME, YOUNG EXPLORER!

★ YOUR ADVENTURE STARTS HERE! ★

Curiosity
is your
superpower!

Dear Explorer, 

I'm so happy you're here.

Out of all the books in the world, you chose to open this one... and that tells me something very special about you.

★ It tells me you're **curious**.

Curious people ask questions.

Curious people look a little closer.

Curious people aren't afraid to wonder, 

Why?

How?

What if?

And do you know something amazing?

Almost every great discovery in history began with someone asking **one small question**. 

Inside these pages, we'll travel farther than rockets, dive deeper than oceans, walk beside dinosaurs, uncover ancient civilizations, meet **incredible people**, and discover wonders hiding all around us.

But I have a little secret...

The greatest discovery won't be about space...

Or dinosaurs... Or volcanoes...

It will be discovering just how amazing

≧ **your own mind** ≦ can be.

So don't worry if you don't know every answer.

Neither did the greatest explorers.

They simply kept asking questions.

And that's exactly what we're going to do...

Together. 

 Now take a deep breath...

 Open your eyes wide...

★ Hold your imagination tight...

Because your adventure...

is about to begin. ★

Your Adventure Guide,

Oliver Wilder 



IN THIS BOOK, YOU WILL...



EXPLORE
AMAZING PLACES



MEET INCREDIBLE
CREATURES



UNDERSTAND
OUR WORLD



TRAVEL BACK
IN TIME



DISCOVER COOL
INVENTIONS



LEARN ABOUT
INSPIRING PEOPLE



AND SO MUCH
MORE!

I'll be waiting for you
on the very first page.

See you there! 



You're about
to explore
100,000
amazing
answers!

BEFORE THE **ADVENTURE** BEGINS

A Letter to Every
Curious Explorer

Hello,
Amazing
Explorer!

SPACE

ANIMALS & NATURE

OUR PLANET

SCIENCE &
DISCOVERIES

OCEANS
& SECRETS

HISTORY
& CULTURES

There are
so many
WONDERS
waiting
for you!

LEO

Loves space,
inventions &
big ideas!

MIA

Loves animals,
plants & the
natural world!

KAI

Loves science
experiments &
how things work!

ZARA

Loves history,
cultures &
amazing places!

We're your
adventure
helpers!

GET READY TO...

- Ask big questions
- Discover amazing facts
- Solve fun challenges
- Explore our world
- And have tons of fun!

Let your **curiosity**
lead the way!

ADVENTURE 1

BEYOND THE STARS

DESTINATION: THE UNIVERSE

MISSION:
DISCOVER HOW
EVERYTHING BEGAN.

It all
started with
a **BANG!**

Every giant
thing started as
something
incredibly **tiny!**

YOU'LL EXPLORE:
THE BIG BANG

About 13.8 billion
years ago, the entire
universe began as a
tiny, hot, dense point.
Then—**BANG!** It exploded
and everything started
to expand!

Think of it like
blowing up a balloon.
As it **grows**, everything
on it moves farther
apart!

★ DID YOU KNOW?

The Big Bang wasn't
an explosion in space.
It was the explosion
OF SPACE ITSELF!

★ TINY CHALLENGE!

If you could travel back to
the very beginning of the
universe, what would
you see, feel, or hear?
Draw it here!

SPOT IT!

Can you find these
5 hidden things?

-  Rocket
-  Satellite
-  Alien
-  Comet
-  Ringed planet

The universe is still expanding today...
WHAT'S BEYOND THE STARS AND GALAXIES?

ADVENTURE 1 BEYOND THE STARS

DESTINATION: THE UNIVERSE



MISSION:
DISCOVER HOW
EVERYTHING BEGAN.

Let's explore
the amazing
islands of stars
called **galaxies**!



YOU'LL EXPLORE:
GALAXIES

Galaxies are
giant collections
of stars, dust,
and gas held
together by
gravity!

A galaxy is a giant system
made up of **billions of stars**,
along with gas, dust, and
dark matter. Galaxies come
in different shapes and sizes,
but they all float in space like
bright islands in a vast ocean!

★ THERE ARE THREE MAIN TYPES OF GALAXIES: ★

1 SPIRAL GALAXY



Swirly arms of stars and
dust spinning around a
bright center.



2 ELLIPTICAL GALAXY



Round or oval shaped
and full of very
old stars.



3 IRREGULAR GALAXY



No clear shape. They look
messy but are still
galaxies!



DID YOU KNOW?

There are **more galaxies** in the
universe than there are grains of
sand on all the beaches on Earth!



THINK ABOUT IT! ?

If you could visit any galaxy,
what would you see, feel, or discover?
Draw it here!



Galaxies are just the beginning...
WAIT UNTIL YOU SEE WHAT'S INSIDE THE STARS!



ADVENTURE 1 ★

BEYOND THE STARS

DESTINATION: THE UNIVERSE

MISSION: DISCOVER HOW
STARS ARE BORN, SHINE,
AND HELP LIFE ON EARTH!

Let's explore
the **light makers**
of the universe!

YOU'LL EXPLORE:
STARS

★ WHAT IS A STAR?

A star is a giant ball of **super hot gas** that shines with its own light and heat. Our Sun is a star, and **billions of other stars** light up the universe!

★ THE LIFE CYCLE OF A STAR ★

1

NEBULA

A cloud of gas and dust.

2

BIRTH

Gravity pulls it together.

3

MAIN SEQUENCE

The star shines for billions of years.

4

RED GIANT

It grows bigger and cooler.

5

END

WHITE DWARF
(small, hot core)

SUPERNOVA
(Giant explosion)

OR



DID YOU KNOW?

The Sun is a star too!
It gives us light, warmth
and energy to live.

THINK ABOUT IT!

If there were no stars in the sky at night,
what would Earth be like?
Write or draw your ideas here!

ADVENTURE 1
BEYOND THE STARS

THE SUN

OUR LIFE-GIVING STAR!

It gives us
light and heat!

The Sun is
at the center of
our solar system!

It's a huge
ball of hot gas!

Without it,
there would
be no life on
Earth!

So bright
and so
powerful!

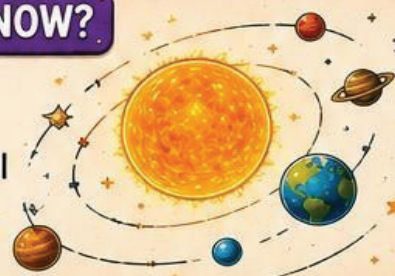
WHAT IS THE SUN?

The Sun is a star. It is a giant ball of hot gas that gives off light and heat. It is much bigger than Earth and other planets. Everything on Earth needs the Sun to live!



DID YOU KNOW?

The Sun makes up
about **99.8%** of all
the mass in our
solar system!



? THINK ABOUT IT!

If the Sun disappeared
for just one day, what
do you think would
happen on Earth?

Draw your ideas here! →



★ OWL TIP!

The Sun has been
shining for more
than **4.6 billion**
years, and it will
keep shining for
billions more!



NEXT: LET'S MEET MERCURY, THE PLANET CLOSEST TO THE SUN!

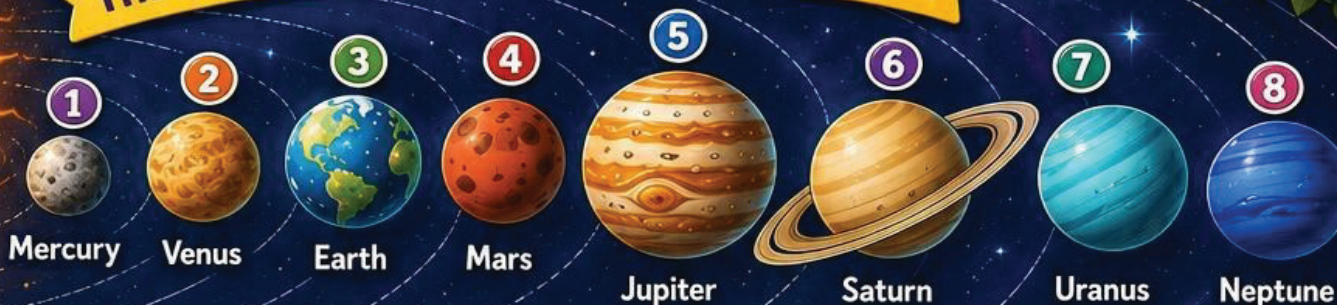


ADVENTURE 1 BEYOND THE STARS

PLANETS

THE AMAZING WORLDS THAT ORBIT THE SUN!

Let's explore
our incredible
solar system!



WHAT IS A PLANET?

A planet is a large, round object that orbits a star. It has enough gravity to be nearly round and has cleared its path around the star. Planets don't make their own light. They shine by reflecting light from the star!

Jupiter is
SO big!

Look at
Saturn's
amazing rings!

Eight planets
with different
sizes and types!

Let's follow
the **orbits** around
the Sun!

MEET THE 8 PLANETS!

- | | | | | | |
|---|---|--------------------------------------|---|---|---------------------------------------|
| 1 |  | MERCURY – Closest to the Sun. | 5 |  | JUPITER – The biggest planet. |
| 2 |  | VENUS – The hottest planet. | 6 |  | SATURN – Famous for its rings. |
| 3 |  | EARTH – Our home. | 7 |  | URANUS – Spins on its side. |
| 4 |  | MARS – The Red Planet. | 8 |  | NEPTUNE – The windiest planet. |

DID YOU KNOW?

A day on Venus
is longer than a
year on Venus!



Cool planets!
What will we
explore next?

THINK ABOUT IT!

If you could visit one planet,
which one would you choose?
Draw yourself there!



OWL TIP!

Every planet
is different.
That's what
makes our
universe so
exciting!



NEXT: LET'S MEET THE MOONS THAT ORBIT OUR PLANETS!



ADVENTURE 1

BEYOND THE STARS

THE MOON

EARTH'S AMAZING COMPANION!

The Moon
shines at night!

Let's explore
Earth's Moon—
our **closest friend**
in space!

It helps control
tides on Earth!

It looks
different as it
moves around
Earth!



WHAT IS THE MOON?

The Moon is a natural satellite that orbits around Earth. It is made of rock and has no air or water. The Moon does not make its own light—it reflects light from the Sun. It has craters, mountains, and plains on its surface!



★ THE MOON AT A GLANCE! ★



Orbits: Circles around Earth



Distance: About 384,400 km from Earth



Orbit Time: Takes about 27.3 days to orbit Earth



Surface: Rocky with craters and dust



Temperature: Very hot in the day,
very cold at night



Fact: It goes through phases we see from Earth



DID YOU KNOW?

The Moon is the
only place beyond
Earth where
humans have
walked!



The Moon is out
of this world!



THINK ABOUT IT!

If you could live on the Moon
for a day, what would you do?
Draw your lunar adventure!



OWL TIP!

Even though
the Moon looks
close, it's still
very far away!
That's why it
looks small
in the sky.



NEXT: LET'S DISCOVER ASTEROIDS & COMETS!



ADVENTURE 1

BEYOND THE STARS

ASTEROIDS & COMETS

SPACE ROCKS AND ICY TRAVELERS!

ASTEROIDS

These are rocky objects that orbit the Sun. Most of them are found in the **Asteroid Belt** between Mars and Jupiter!

COMETS

These are made of ice, dust, and rock. When they get close to the Sun, they grow a glowing tail!

Let's discover the **space rocks** and icy wonders that zoom through our solar system!



? WHAT ARE THEY?

Asteroids are like leftover pieces from when planets were forming. They are mostly rock and metal.

Comets are ancient icy objects. They come from the outer parts of our solar system.



★ COOL FACTS!



There are **millions** of asteroids of different shapes and sizes!



Halley's Comet is a famous comet that returns about every **76 years**!



Some asteroids are as small as a rock, while others are **hundreds of kilometers wide**!



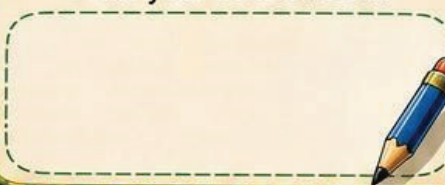
DID YOU KNOW?

Shooting stars are **not really stars**! They are tiny pieces of rock or dust that burn up in Earth's atmosphere.



THINK ABOUT IT!

If you found a comet, what would you name it?
Draw your comet below!



OWL TIP!

Asteroids and comets help scientists learn about the **early history** of our solar system!



NEXT: LET'S EXPLORE NEBULAE, THE BEAUTIFUL CLOUDS OF SPACE!



ADVENTURE 1

BEYOND THE STARS

★ ASTRONAUTS

★ EXPLORERS OF SPACE! ★

Meet the **brave** men and women who travel beyond Earth to **discover** the unknown!

Astronauts **live** and **work** in space!

They **train** for years to be ready for space missions!

They help us **learn** more about planets, stars, and even our own Earth!

? WHAT DO ASTRONAUTS DO?

Astronauts travel to space in rockets. They live in spacecraft or space stations. They do many important jobs:

- ★ Do **experiments** and research
- ★ Take **pictures** of Earth and space
- ★ Test new machines and **technology**
- ★ Learn how to **live** and **work** in space

★ ASTRONAUT FACTS!



More than **600** people have been into space since 1961.



Astronauts experience "**microgravity**" in space, so they float!



They exercise **2 hours** every day to keep their muscles and bones strong.



Space food comes in packets, tubes, and sometimes looks like **normal meals**!



Astronauts wear spacesuits to **protect** them from the cold and no air in space.

💡 DID YOU KNOW?

The first person in space was **Yuri Gagarin** from Russia in **1961**.

The first woman in space was **Valentina Tereshkova** in **1963**!



? THINK ABOUT IT!

If you could go to space, what would you want to see or do the most?



★ OWL TIP!

Astronauts show us that with **curiosity**, **courage**, and **hard work**, we can explore **anything**—even beyond the stars!



NEXT: LET'S LEARN ABOUT SPACE STATIONS, HOMES IN SPACE!



ADVENTURE 1

BEYOND THE STARS

SPACESHIPS

OUR TICKET TO EXPLORE SPACE! ★

Some fly to other planets and moons!

Spaceships help us travel to faraway places and discover the universe!

Some come back to Earth, and some stay in space for a long time!

WHAT IS A SPACESHIP?

A spaceship is a special vehicle designed to travel beyond Earth. It carries astronauts, tools, and supplies to explore space safely.



★ TYPES OF SPACESHIPS ★

ROCKETS



Powerful and fast! They carry people and things into space.

SPACE SHUTTLES



They can go into space and come back to Earth like airplanes!

SPACE PROBES



Unmanned ships that travel far to gather information about planets and stars.

SPACE STATIONS



Big structures in space where astronauts live and do experiments.

DID YOU KNOW?

The first spacecraft made by humans was **Sputnik 1**. It was launched by Russia in **1957**!



? THINK ABOUT IT!

If you could travel in a spaceship, where would you go first and why?



DID YOU KNOW?

Some spaceships travel so far that it takes many years to reach their destination!



★ OWL TIP!

Spaceships are built with teamwork, creativity, and lots of science!



NEXT: LET'S VISIT SPACE STATIONS, OUR HOMES IN SPACE! ➔

ADVENTURE 1 ★ BEYOND THE STARS

SPACE STATIONS ★

Homes in space!

WHAT IS A SPACE STATION?

A space station is a big structure in space where astronauts **live**, do **science**, and learn more about our **universe**.



Space stations are huge homes where astronauts **live** and **work**!



AWESOME FACTS! ★



The International Space Station (ISS) orbits Earth every **90 minutes**.



Astronauts grow **plants** in space!



Astronauts **exercise** every day to stay strong.



Space stations help us **learn** how to live on other planets one day!

WHAT DO ASTRONAUTS DO ON SPACE STATIONS?



Do science experiments



Grow plants and food



Fix and build new things



Exercise to stay healthy



Look at Earth from space

SPOT IT! 🔍

Can you find these 5 hidden things?



Rocket



Wrench



Astronaut glove



Satellite dish

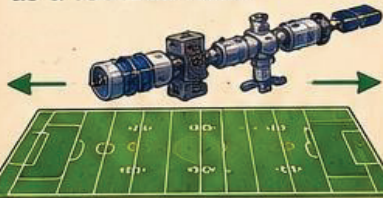


Star



DID YOU KNOW? 💡

The ISS is as long as a football field!



TRY THIS! 🧪

Build a space station model using boxes, tape, and straws! Be creative!



IMAGINE THIS! ☁️

If you lived on a space station, what would your room look like?



★ AMAZING FACT!

Space stations orbit Earth about 250 miles (400 km) above our planet!



★ KEEP EXPLORING!

Space stations help us discover new things every day!



ADVENTURE 1 ★
BEYOND THE STARS

LIFE BEYOND EARTH

Could we live on other planets?

The universe is huge, and we're still exploring!



WHAT IS LIFE BEYOND EARTH?

Scientists believe life could exist on other planets or moons. We just haven't found it yet!



COOL FACTS!



Water is very important for life.



Some moons, like Europa, might have water under ice!



Mars is the planet we study the most for future living.



We keep searching for signs of life in space every day!

WHERE COULD LIFE EXIST?



On planets like Mars



On moons with water



On faraway planets

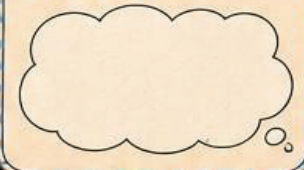
DID YOU KNOW?

There are billions of planets in our galaxy!



IMAGINE THIS!

If you found life on another planet, what do you think it would look like?



YOUR MISSION!

Draw a planet where you think life could exist!



ADVENTURE COMPLETE!

You are a Space Explorer!

You explored the wonders of space, learned amazing facts, and took on every challenge!

Keep being curious, keep dreaming big, and never stop exploring!



SPACE EXPLORER CERTIFICATE



AWARDED TO

For completing Adventure 1:
BEYOND THE STARS!



Every question you asked, every fact you learned, and every mission you completed makes you a true explorer!

THE UNIVERSE IS YOURS!



ADVENTURE 2

OUR AMAZING PLANET

A new adventure
begins!
The universe was
amazing, but wait
till you see the
planet we live on!

Hi! I'm **Pip!**
I can change
colors to hide
in different
places. Can
you **spot me**
on every
page?



DESTINATION:
EARTH



MISSION:
Discover the
incredible
planet you
call home.



YOU'LL EXPLORE:



EARTH'S LAYERS

Let's travel deep inside
our planet to see what
it's made of!



Get ready
to **learn**, explore
and have **fun!**



ADVENTURE 2

OUR AMAZING PLANET

 **DESTINATION:**
EARTH



MISSION:
Discover the incredible planet you call home.

YOU'LL EXPLORE:
 **EARTH'S LAYERS**

Hi! I'm Pip!

I change colors to hide in different places. Can you spot me?

WHAT IS THE EARTH MADE OF?

Our planet is made of different layers. Each layer has a special job!

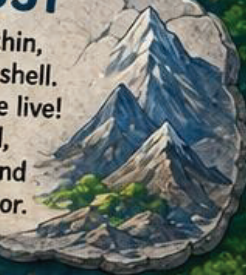
DID YOU KNOW?

The temperature gets hotter as you go deeper inside Earth!



1 CRUST

This is the thin, rocky outer shell. It's where we live! It forms land, mountains, and the ocean floor.



2 MANTLE

Beneath the crust is the mantle. It's hot, thick, and made of melted rock called magma.



3 OUTER CORE

This layer is made of hot, liquid metal. It moves around the inner core.



4 INNER CORE

This is the center of the Earth. It's very hot and solid!



CAN YOU FIND PIP?

Pip is hiding somewhere on this page! Look very closely!



MINI MISSION!

Label the Earth's layers from outside to inside.

1

2

3

4



Every layer works together to keep our planet alive! Let's take care of our amazing home.



ADVENTURE 2

OUR AMAZING PLANET

DESTINATION:
EARTH



MISSION:
Discover the incredible
planet you call home.

CAN YOU FIND PIP?

I change colors to
blend in. Look very
closely!

★ DID YOU KNOW?

Volcanoes can build
new land! Over time,
cooled lava forms
rocks that create
islands.



YOU'LL EXPLORE:
VOLCANOES



Hi! I'm Pip!

I love warm places!
I've hidden myself
somewhere on this
page. Can you
find me?



1 WHAT IS A VOLCANO?

A volcano is an opening in
Earth's crust where hot
magma, ash, and gases
come out.



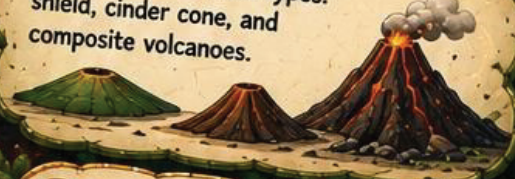
2 HOW DOES IT ERUPT?

Magma rises from deep
inside Earth. Pressure
builds up until—BOOM!
The volcano erupts!



3 TYPES OF VOLCANOES

There are three main types:
shield, cinder cone, and
composite volcanoes.



4 WHY ARE THEY IMPORTANT?

Volcanoes shape our planet.
They bring nutrients to the soil,
create new land, and even
help form beautiful
rocks and minerals.



MINI MISSION!

Label the parts of a volcano.



- 1 _____
- 2 _____
- 3 _____
- 4 _____



★ WOW! ★

Volcanoes are powerful,
exciting, and full of surprises!

Let's keep exploring
our amazing planet!



Can you
find Pip?

