

EARTH: Home Sweet Home



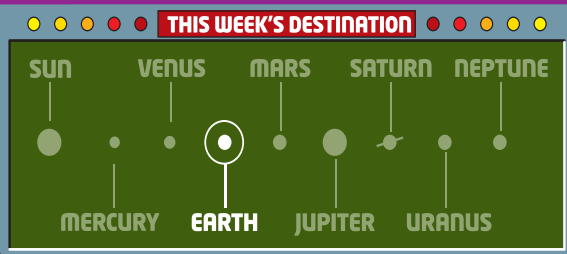
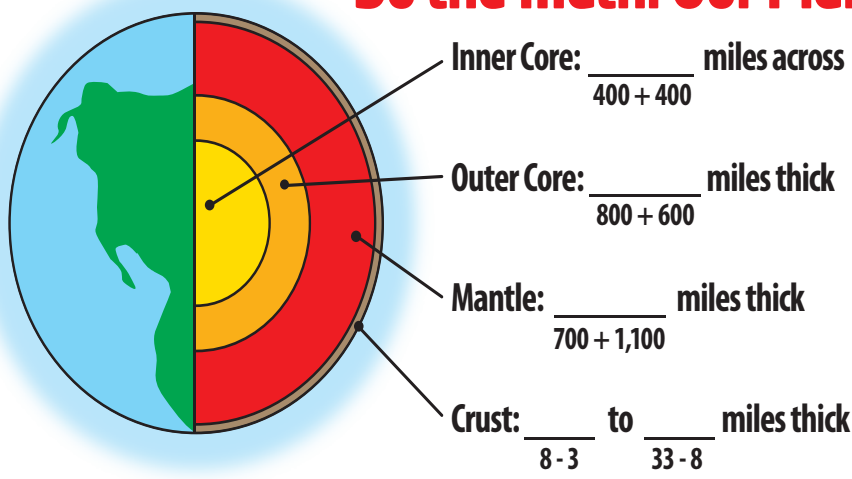
Woodward is back on Earth this week, refueling before heading deeper into our solar system. Replace the missing words in his message.

Dear Kid Scoop Readers -

I'm so happy to be back on Earth! It's very different from the other planets in our system. And that is a good thing!

Earth is sometimes known as a _____ planet, because 70% of our planet's surface is covered in liquid water. It's the only planet with an _____ that is 21% oxygen. These things make it possible for _____ to _____ here. And as far as we know, no other planet in our solar system supports life.

Do the Math: Our Planet



Big Breaks

About 300 million years ago, Earth wasn't divided into seven continents like it is today. It had one massive continent surrounded by a single ocean. Use the code to discover the name of the continent and the name of the ocean.

CONTINENT:

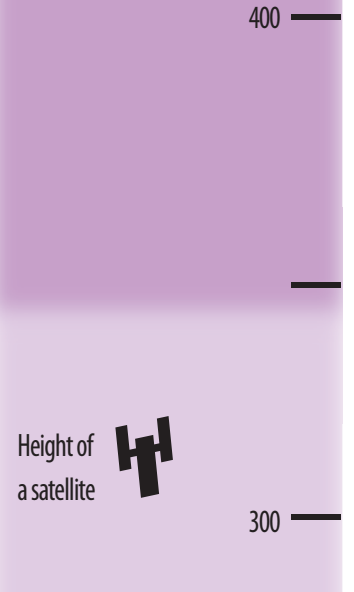
OCEAN:

Legend:
 ▲ = A
 ▽ = E
 ● = G
 ▼ = H
 ▨ = L
 ▤ = N
 ▥ = P
 ★ = S
 ≡ = T

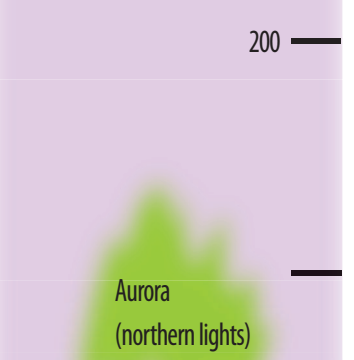
Lots of Layers

Earth's atmosphere consists of different layers. It's about 250 miles (400 kilometers) from the Earth's surface to the exosphere, where Earth ends and space begins.

EXOSPHERE



THERMOSPHERE



MESOSPHERE

STRATOSPHERE

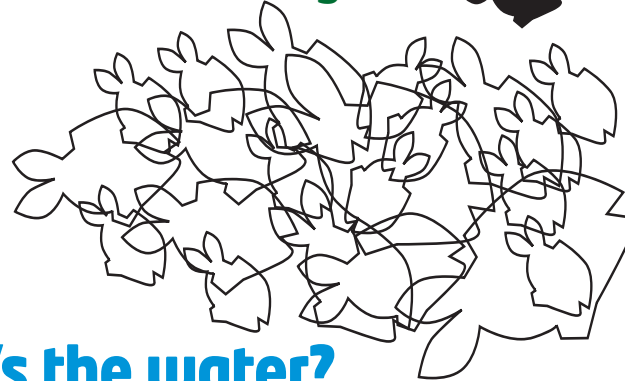
TROPOSPHERE

Amaze your family and friends with these quick facts about Earth!

AMAZING EARTH FACTS CHART	
PERCENTAGE OF ATMOSPHERE THAT IS OXYGEN	21%
PERCENTAGE OF PLANET SURFACE THAT IS WATER	70%
PERCENTAGE OF ATMOSPHERE THAT IS NITROGEN	78%
PERCENTAGE OF ATMOSPHERE THAT IS CARBON DIOXIDE	1%
DISTANCE FROM THE SUN (IN MILES)	92 MILLION

SOURCE: planetfacts.org

How Many Fish?

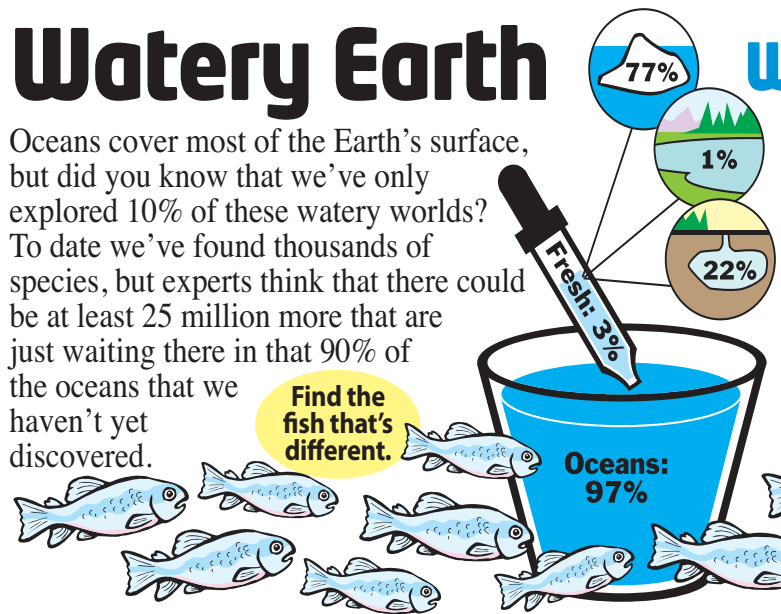


Watery Earth

Oceans cover most of the Earth's surface, but did you know that we've only explored 10% of these watery worlds? To date we've found thousands of species, but experts think that there could be at least 25 million more that are just waiting there in that 90% of the oceans that we haven't yet discovered.

Where's the water?

97% of the world's water is in the oceans and the remaining 3% is fresh water. That 3% of fresh water divides into 77% contained in icecaps and glaciers, 22% in groundwater aquifers (the source of our drinking water). And this leaves only 1% which make up the waters in rivers, lakes and streams.



Extra! Extra!

Earth Adjectives

Look through the newspaper to find five adjectives that describe Earth.

Standards Link: Language Arts: Follow simple written directions.

Kid Scoo-doku

Complete the grid by using all the letters in the word EARTH in each vertical and horizontal row. Each letter should only be used once in each row. Some spaces have been filled in for you.

T	R		E
			T
E	A	R	H
			R
H	T	R	

Kid Scoop Puzzler

How Earth Got Its Name

Earth is the only planet not named after a Roman or Greek god or goddess. How did it get its name? No one is quite sure. Earth is an English/German word that simply means the ground.



What is the name of Earth in other languages? Do the math to find out!

- GERMAN = 19 + 5
- SWAHILI = 18 + 4
- FRENCH = 21 + 4
- FINNISH = 21 - 6
- SPANISH = 17 + 3
- Tierra = 20
- Terre = 25
- Erde = 24
- Nchi = 22
- Maa = 15

Standards Link: Math: Compute sums to 25.

Double Double Word Search

Find the words in the puzzle. Then look for each word in this week's Kid Scoop stories and activities.

ATMOSPHERE
EXPLORED
SURFACE
EXPERTS
MASSIVE
OXYGEN
LIQUID
EARTH
WATER
OCEAN
SPACE
EXIST
DATE
DUST
LIFE

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

Standards Link: Letter sequencing. Recognized identical words. Skim and scan reading. Recall spelling patterns.

Kid Scoop VOCABULARY BUILDERS

This week's word: **EXIST**

The verb **exist** means to be real and to have actual being. **Exist** can also mean to be alive.

Scientists wonder if life might **exist** on Mars.

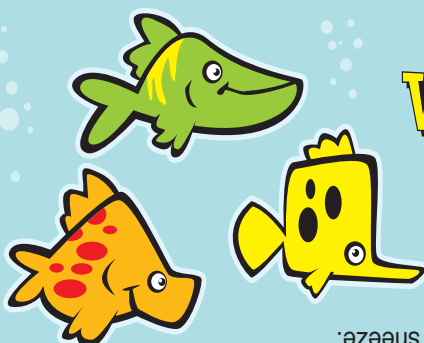
Try to use the word **exist** in a sentence today when talking with your friends and family.

FROM THE LESSON LIBRARY

Protecting the Earth

Look through the newspaper to find five or more ways people are working to protect the planet. Look for things that save resources, that save energy and that can be recycled.

Standards Link: Research: Use the newspaper to locate information.



Why do fish live in salt water?

ANSWER: Because pepper water makes them sneeze.

Write On!

Ticket to Space

Pretend you could win a ride into space on a rocket. Write a paragraph telling why you should win that prize.