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Carnivorous Plants

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Saturn





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[Jesus Christ] is the image of the invisible God, the firstborn over all creation. For by Him all things were created that are in heaven and that are on earth, visible and invisible, whether thrones or dominions or principalities or powers. All things were created through Him and for Him. And He is before all things, and in Him all things consist. And He is the head of the body, the church, who is the beginning, the firstborn from the dead, that in all things He may have the preeminence. For it pleased the Father that in Him all the fullness should dwell, and by Him to reconcile all things to Himself, by Him, whether things on earth or things in heaven, having made peace through the blood of His cross. (Colossians 1:15-20)

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Just for Kids!

i, kids! Have you ever stopped to think about how amazing the world is? This special kids' edition of *Acts & Facts* explores some of God's special animals and plants. It dives into deep caves, examines earthquakes big and small, and looks far beyond Earth at space rocks and Saturn with its amazing rings. Imagine designing something so cool! It also explains why people have so many languages. You're part of this incredible world created by the Lord Jesus Christ, and most of all we want you to know how much He loves you.



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Merry Christmas from ICR!

Jayme Durant

Jayme Durant Executive Editor and Director of Communications



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Penguins

Chinstrap penguin



playful bird mostly lives on continents and remote islands in the Southern Hemisphere, especially Antarctica. While they can't soar across the skies, penguins can swim through seas like a breeze. Did you also know...

What looks like it's wearing a tuxedo, waddles as it walks, and has feathers but can't fly? The penguin, of course! This

- The Bible says that God created land, air, and sea animals on Days 5 and 6 of the creation week. That includes penguins!
- Penguins have special waterproof feathers that help them stay warm in the ocean and dry on land and ice.
- Not all penguins are found in cold places. The Fiordland penguin, for example, lives in the rainforests of New Zealand.
- There's fossil evidence that giant penguins once lived on Earth. Some measured about six feet tall—that's like the size of a refrigerator!

Match the circles below to where they fit in the picture.





 Fairy penguin

 Rockhopper

Did you know?

The fastest penguin swimmer, the gentoo, can reach speeds up to 22 miles per hour. That's about four times that of an Olympic athlete!

3

5

1







Lemurs

The Lord Jesus created a special type of primate that's only found on the tropical island of Madagascar—lemurs! Many of these furry critters have long tails, round eyes, and grasping hands and feet that help them move through trees. And that's only the beginning of their fascinating features. While lemurs are rare to spot in the wild, there are over 100 species today! Did you also know...



Lemurs come in a wide variety of colors and sizes. The ring-tailed lemur, with its striped pattern, is one of the most well-known.



As highly social creatures, lemurs live in family groups called troops. These packs can have anywhere from a few members to 30!

Most lemurs have a diet of plant material like fruit, leaves, and flowers, but some also eat insects.

In addition to scent-marking, lemurs use sounds to communicate. Each species makes different noises like grunts, chirps, and songs.



Did you know? The blue-eyed black lemur is one of the only primates with blue eyes.

Ring-tailed lemur Red ruffed lemur



Common brown lemur Black-and-white ruffed lemur

Can you name each type of lemur below?

Blue-eyed black lemur Verreaux's sifaka



1.



(6)



6.







7.



8.

KIDS EDITION 2024 | ACTS & FACTS 53 (7) | ICR.ORG $\overline{7}$

Ε

F

D

lemur, 6. Blue-eyed black lemur, 7. Ring-tailed lemur, 8. Mouse lemur Answers to lemur names: 1. Common brown lemur, 2. Verreaux's sifaka, 3. Aye-aye, 4. Black-and-white ruffed lemur, 5. Red ruffed





В

A

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Help the lemur find the pineapples on his way to the palm tree.

Turtles & Tortoises

Red-eared slider

Let's talk turtles and tortoises! Both these hard-shelled reptiles are cold-blooded, lay eggs, and have toothless, beak-like mouths. Turtles are usually found in water, while tortoises spend most of their lives on land. Tortoises have rounded, domed shells, and turtle shells are thinner and more streamlined to help them swim. The Lord Jesus designed them to perfectly fit their habitats. Isn't that turtle-y awesome? Did you also know...

- There are over 350 species of turtles and tortoises today.
- Both turtles and tortoises use their shells for protection, and they never grow out of them.
- The word "turtle" describes any reptile with a shell. So, all tortoises are turtles, but not all turtles are tortoises.
- Turtles are great swimmers. They have either webbed toes or flippers. But tortoises can't swim—their feet are like an elephant's!

Color by number using the color code on the left.





Armored Dinosaurs

Ankylosaurus

When God created dinosaurs, He made some big and others small, with different features to them all—like armor! Armored dinosaurs roamed Earth only thousands, not millions, of years ago. Their fossils formed during the global Flood, leaving clues to what they were like. They couldn't run very fast, but it's likely their bony armor helped protect them. Each dino-mite detail highlights our Creator's handiwork! Did you also know...

Scientists have identified over 30 types of armored dinosaurs.

Most were herbivores, which means they had a plant-based diet.

Their armor could include spikes, bony plates, clubbed tails, or more.

Officially, they belong to a group of dinosaurs called thyreophorans (thigh-ree-ah-FOR-ans), or "shield-bearers." The most famous are *Ankylosaurus* and *Stegosaurus*.

Find the hidden objects below.

Did you know?

Some people think dinosaurs lived a really long time before humans, but the archaeological evidence says otherwise. For example, this stone carving from an 800-yearold Cambodian temple looks like a *Stegosaurus*. It's possible the artist saw a real-life dinosaur!







Carnivorous Plants



Carnivorous plants are crazy! Since most live in lownutrient soil, they eat insects or other small animals to help them grow. They didn't always have this diet, though. The Bible says God created everything "very good" in the beginning (Genesis 1:31). It wasn't until the Fall that some plants turned into carnivores. Even today, the Lord Jesus gives His creatures exactly what they need to flourish! Did you also know...

There are over 600 species of carnivorous plants.

They live in a variety of habitats, from tropical rainforests to wetlands.

While most eat insects, some consume larger animals like mice, frogs, and geckos.

The Venus flytrap has a jaw-shaped leaf with bristles. It looks like a big mouth with teeth!

Pitcher plants are sneaky about rapping their food. Attracted to the plant's nectar scent, insects climb into the long neck. Tiny, downward-facing

Bugs head deeper into the plant until eventually they're digested.

hairs prevent them from getting out.

Color the picture, and then circle the Venus flytrap.





Answers: North Carolina, Antarctica KIDS EDITION 2024 | ACTS & FACTS 53 (7) | ICR.ORG

Earthquakes

While earthquakes can be scary, the science behind them isn't! An earthquake is the quick shaking of the planet's surface. They usually happen when tectonic plates, large slabs of rock in Earth's outer rocky shell, move against each other. The released energy spreads outward in seismic waves, shaking the ground. Earthquakes are more common in some places than others, but they usually don't last long. In fact, most are small enough that people don't even feel them. Did you also know...

- Earthquakes often take place in a zone called the Ring of Fire, where several plate boundaries are located. It stretches around the edge of the Pacific Ocean from New Zealand to Chile.
- The Richter scale is a measure of the magnitude, or size, of an earthquake. Each magnitude is 10 times larger than the previous one, so a 7.0 is 100 times more powerful than a 5.0.

Larger earthquakes can cause tsunamis, landslides, floods, and even volcanic eruptions.

Earthquake Experiment

Supplies: a tray of gelatin or brownies, gumdrops, and toothpicks (Note: For a nonedible version, use modeling clay as a substitute.)

Instructions:

Step 1: Fill a tray with your foundation (gelatin, brownies, etc.).

Step 2: Build towers on top with gummies and toothpicks.

Step 3: Shake the tray and see how long it takes for the structures to fall.

Bonus challenge: Try using

Try using a different foundation. How does that affect the strength of your towers?









Did you know?

The most powerful recorded earthquake happened in Chile in 1960. This earthquake had a magnitude of 9.5 and lasted for 10 minutes. That's a lot of shaking!

Earthquake Crossword Puzzle



(1) | DSUOUSI | (2) ESTAPRISE DOWN: J. Ring of Fire, Z. magnitude, J. Richter. Across: 4. Pacific, 5. tsunamis, 6. earthquake

Caves

When it comes to caves, there's so much to explore! These hidden wonders are like natural time capsules of Earth's history. Most formed during the global Flood only thousands of years ago. With their preservation of minerals, rocks, and even fossils, caves provide a record of the past—and illustrate God's creativity in the deepest parts of our world. Did you also know...

There are many types of caves, like glacier, sea, and lava. The most common are solution or karst caves, which form through the chemical erosion of rocks.

Caves are often habitats for animals like bats, crickets, and fish. The Lord Jesus designed them with special adaptive abilities to live in extreme conditions.

Several caves have drawings made by ancient humans. This helps us learn more about people who lived a long time ago.

Speleothems are cave formations made by mineral deposits. Match the formations to their names below.

soda straws

bacon

popcorn

columns









3.

Label the parts of the cave.



You can use the sentence "stalactites hang tightly to the ceiling" to remember the difference between them and stalagmites, which form on the ground.

Did you know?

The world's longest known cave is Mammoth Cave in Kentucky. While geologists have mapped about 426 miles, they're still discovering new caverns within it.



Cave Word Search

Q	D	U	I	н	к	с	к	L	N	A	v	v	т	cave
Q	Y	z	R	н	v	A	н	н	×	н	D	м	s	Flood
Р	W	Q	z	0	R	Е	к	I	А	0	W	I	I	
U	Ν	E	Е	s	с	z	т	D	0	J	w	N	G	fossil
м	н	0	т	Q	٧	к	М	L	R	Q	F	Е	0	geologist
т	I	s	I	R	Y	N	F	I	×	I	V	R	L	geologist
I	м	Е	н	т	0	Е	L	Е	Ρ	s	G	A	0	karst
R	G	v	С	D	U	А	G	Е	н	0	V	L	Е	to used
Р	I	А	Р	Ν	L	L	в	Е	т	×	0	J	G	mineral
Q	I	С	W	J	I	ĸ	0	М	Q	Ν	G	т	Ν	rock
J	Е	С	0	W	в	н	\times	S	н	S	D	Е	×	
Р	н	Ρ	т	0	z	Ρ	Q	в	v	Е	U	A	н	solution
F	0	S	S	I	L	Y	W	5	×	I	Ν	Ρ	W	speleothem
0	0	z	в	т	Ν	W	R	т	к	С	т	W	Y	

Answers to cave features: I. popcorn, Z. bacon, 3. soda straws, 4. column Answers to parts of the cave: I. stalagmite, 2. stalactite, 3. column

Space Rocks!

What's that bright object in the night sky? It could be an asteroid, meteor, or comet you spy! These celestial sights are just a few examples of space rocks. Some orbit the sun, while others speed through Earth's atmosphere. How can you tell which is which? Let's discover some of the rockin' features that fill the solar system and beyond!

- Asteroids are small rocks that orbit the sun. Often called "minor planets," these objects are usually located between Mars and Jupiter.
- Comets are pieces of ice and dust with a solid core. When they get near the sun, its heat causes them to release bright tails pointing away from the sun.
- Most meteors, meteoroids, and meteorites are made of rocky minerals and metals. Tons of this material fall on Earth each day, but most of it burns up in the atmosphere.

Circle the 8 differences in the images below.





Meteor-what?

Meteoroids that enter Earth's atmosphere are called meteors. As they burn up, meteors release tails of light that inspired their other name—shooting stars! Meteors rarely make it to our planet's surface, but when they do, the particles of debris are known as meteorites.



"Thus says the LORD: 'Heaven is My throne, and earth is My footstool. Where is the house that you will build Me? And where is the place of My rest? For all those things My hand has made, and all those things exist,' says the LORD." (Isaiah 66:1–2)

Comet Craft

Supplies: a chopstick or popsicle stick, colored ribbon, scissors, and three squares of aluminum foil

- 1. Cut several pieces of ribbon and string.
- 2. Tie or tape the ribbon pieces to the top of the stick.
- 3. Bundle one foil square around the knots.
- 4. Repeat with the other two squares.
- 5. Run and watch the comet's tail stream behind you.







Answers to shadow match: 1d, 2c, 3b, 4a

Saturn

Every planet in our solar system is incredible, but Saturn has a nice "ring" to it! This gas giant is the sixth-closest planet to the sun. It's mostly made of two elements, hydrogen and helium, and it's so big that over 700 Earths could fit inside. On a clear night, you can even spot its beautiful rings through a telescope. Did you also know...

God created Saturn on Day 4 of the creation week.

The astronomer Galileo Galilei discovered Saturn's rings in 1610, but it wasn't until years later that scientists knew what they were.

On average, Saturn's rings measure about 30 feet thick. While they might look solid, they're actually made of countless rock and ice pieces.

 Saturn has nearly 150 known moons—the most of all eight planets in our solar system!







Find 6 differences between the two images below.





Language

Did you know? A person who can write or speak multiple languages is called a polyglot, meaning "many tongues."



Where did the world's languages come from? Genesis 11 says that after the Flood, people disobeyed God's command to spread across the earth. They started to build a city and a large structure called the Tower of Babel. So, He confused their language and scattered them to different places. This led to all the "peoples, nations, and languages" (Daniel 7:14) that we find today! Did you also know...

- It's estimated that roughly 7,000 languages are spoken around the world.
- English is the most common spoken language, but Mandarin Chinese has the largest number of native speakers.

The oldest manuscripts of the Bible were written in three languages: Hebrew, Aramaic, and Koine Greek.

Use the code below to learn the word for "hello" in each language.

1=h	2=i	3=u	4=b	5=r
6=I	7 =a	8=o	9=j	10=c
11=n	12= ă	13=ĭ	14=e	

Spanish: 1.

- (1, 8, 6, 7)
- 2. French: (4, 8, 11, 9, 8, 3, 5)

4.	Italian:						
		(10, 2, 7, 8)					
5.	Chinese:						
		(11, 13)	(1, 12, 8)				
6.	Portugue	se:					
	Ŭ	(8, 2)					
7.	Danish:						
		(1,	14, 9)				

Many experts think the Tower of Babel was a ziggurat (ZIH-guh-rat), a type of stepped pyramid. Remains of ancient ziggurats can be found around the world today.

(22)

Language Word Search ENGLISH 🗮 DEUTSCHE Ι N GPSEB E нэ Ρ G A 0 J SPP D G YEA OR U Ι W FRANCAIS Ι S GR S Ι ΙE т C V Ε G Т 0 Z Y E A J I G N W U Ι I Т L RI QG I R I S G I Ι н ESPAÑ EHEU Ε S S Ε N 3 A VEE I Z R C V Z N I N J HESNH к D S Ρ А N Ι S H ENL C U N N D C IF C Y J M Т L D Z KQ тн 0 Ε υz н В BNZ Chinese Greek Korean GHGF R M UZSA Y D Т Dutch Irish Portuguese D Z O F 5 D GSA C × Spanish English Italian YBKIIDMVZXZQL French Japanese Swahili Silly Story Fill in the blanks without reading the sentences, and then enjoy your fun, new story. One day, I'll travel the world. The first place on my list is _____ [place] It has ______[adjective] and the best [plural noun] on the planet. The people there speak ____ [food] [language 1] ___, but I only speak __ and [language 3] [language 2] Guess it's time to start ________[verb that ends in -ing] __ my languages! "Sing to the LORD, all the earth; proclaim the good news of His salvation from day to day. Declare His glory among the nations, His wonders among all peoples." (1 Chronicles 16:23-24).

Answers for "hello" in each language: 1. hola, 2. bonjour, 3. hallo, 4. ciao, 5. ni hão, 6. oi, 7 hej

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