Robert Wolf lives in Iowa. He collects rocks. He has thousands from around the state!

His first find was a fossil. A friend helped him. They were in fourth grade.

Mr. Wolf gave most of his rocks away. He moved to a smaller home. It has no room for 250 boxes of rocks!

Mr. Wolf wrote down where and when he found each of his rocks. He gave each rock and fossil a number. Those records are in notebooks. Most of his collection is now at the University of Iowa. But he has kept some special rocks. One is a geode the size of a cantaloupe. It is lined with crystals. His wife found that one! **Hannah praised God for her little boy Samuel. She said in 1 Samuel 2:2, “There is no Rock like our God.”**
Cock-a-doodle—do not be loud!

Maurice is a rooster. He crows early. He crows late. People next door said, “We moved here for quiet!” They complained to a judge. The judge said that Maurice can stay. Crowing is his job.

Noisy church bells, smelly cows, loud cicadas. People moving from the city are not used to the country. But many French people want to protect the sights, smells, and sounds of where they live. They wanted to protect Maurice. “The countryside is alive and makes noise—and so do roosters!” said a sign. God has made the world full of amazing noisy creatures. Psalm 96:12 says, “Let the field exult, and everything in it! Then shall all the trees of the forest sing for joy.”
Jousting battles were popular more than 500 years ago. They are popular today too. Maybe jousting will be in the next Olympics! Horses charge at fast speeds. Riders score points with their lance. They try to hit their opponent's shield or helmet. Counting points is tricky. A Knight Marshal watches closely. Now he will have help! A video will show hits and make it easier to count points. Proverbs 21:31 says, “The horse is made ready for the day of battle, but the victory belongs to the Lord.”
Jesters are juggling letters. Which of those letters will finish the word below each jester? Circle that letter. Then write it in the gray box.
Can you find the words in this week's stories?
The Alamo was a Spanish Mission in San Antonio, Texas. Texas was part of Mexico. But Texans wanted to be free. Some fought against Mexican soldiers from inside the Alamo. Most of them were killed. Other Texans fought against Mexico the next month and won. Texans say, “Remember the Alamo!” It is part of their state’s history. That’s why finding musket balls is exciting news. God comforted His people when they feared their enemies. He says in 2 Chronicles 20:15, “Do not be afraid, for the battle is not yours but God’s.”

People work to save one old church in Texas. It is “The Alamo.” Part of a wall is under the ground. It could crumble.

Diggers found musket balls. Could they be from the guns of a long-ago battle?
Have you ever seen green stuff on cheese or bread? That is a fungus. It grows by eating other living things. Banana fungus won’t hurt people. But it is bad news for farmers. Almost all bananas in stores are the Cavendish type. Farmers might need to grow another type of banana in the future. Matthew 7:17 tells us, “So, every healthy tree bears good fruit, but the diseased tree bears bad fruit.” Our lives bear good fruit when we walk with Jesus.
He flew up, up, and away

A man flew over water.
How did he fly without wings?
He rode a hoverboard.
It uses small rockets.

Mr. Z. invented the flying board.
He flew from France to England on it!

Mr. Zapata is a dot in the sky as he finishes his flight.

The Flyboard Air, invented by Mr. Zapata.

Franky Zapata invented the FlyboardAir. Its jets are powered with kerosene (the same fuel used in some camp stoves). He steered the hoverboard with two poles and by leaning forward. The ride took Mr. Zapata only 22 minutes. His legs got tired from standing up on the jets. He landed once on a boat to fill up on fuel. Maybe one day you can ride a board like the FlyboardAir.

Psalm 139:8 tells us that God is with us even if we fly up to the heavens.

God’s Big WORLD • November/December 2019
Bears couldn’t build a flyboard like the one on page 3. So they built a go-kart. What did they do first? Number the pictures in the right order. Color the word boxes that fit each picture the best. Like this:
How can rocks bob in the ocean? They are full of holes!

A volcano is under the sea.
It shot out hot lava.
The lava turned into pumice [puh-mess].

Pumice is like sponge made of rock.
A big clump of floating pumice is called a raft.

Ocean currents are pushing a “raft” of pumice toward Australia’s Great Barrier Reef. Tiny holes in the pumice hold sea creatures. Scientists are worried about Australia’s coral. Will those creatures end up in the Great Barrier Reef? Will they be good for it? Scientists hope so.

Jesus has charge of the ocean and all that is in it. Matthew 8:27 tells us that the disciples asked, “What sort of man is this, that even winds and sea obey Him?”
An electric scooter makes quick trips easy. Get a smartphone app. It makes the scooter go. Pay for the ride with the app. Finished with your ride? Leave the scooter behind for someone else to use. But scooters can be dangerous. They get in the way of drivers and run into walkers. Cities are making rules so people use scooters safely. The Apostle Paul says in 1 Corinthians 10:24, “Let no one seek his own good, but the good of his neighbor.”
Germany has lots of sheep—and shepherds. Sheepherding contests are held every year. Shepherds and their dogs must tend a flock of 300 sheep. They guide the sheep out of a pen and into a field. They have the sheep stop, turn, gather to graze, go over a bridge, and return to the pen. The shepherd speaks quietly. The dogs do not bark. The sheep obey. Isaiah 40:11 reminds us that God “will tend His flock like a shepherd; He will gather the lambs in His arms.”

Shepherds love tending sheep. His tool is called a shepherd’s crook.

A shepherd strolls among the sheep. His dogs are with him. They make no sound. The sheep are not afraid. The shepherd opens the gate. The sheep follow him out. He moves a hand. One dog patrols the flock. The other rounds up strays. Who is the best shepherd?
What is the first letter of each picture above? Write those letters on the matching game pieces below. An example is shown, R for Ring. Which story does each word belong to?

<table>
<thead>
<tr>
<th>R</th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Friends in England went hunting in a field. They used metal detectors.

“Beep.” One friend found a coin. “Beep.” Another found a coin. “Beep-beep-beep-beep-beep.” There were coins, coins, and more coins!

All the coins are over 900 years old. They show two kings from that time. The friends found a real treasure.

**God reminds us in 2 Chronicles 20:15, “Do not be afraid, for the battle is not yours but God’s.”**
A capsule costs far less than a hotel room. How do builders fit a whole room in a tube? People leave their luggage in lockers. There are other rooms that guests use for showering or watching TV. Then people slide into their tubes to sleep. Some people don’t like small spaces. But some people feel safe and secure in small spaces. “Children of the heav’nly Father, safely in His bosom gather; nestling bird nor star in heaven, such a refuge e’er was given.” — from “Children of the Heavenly Father,” Carolina Sandell, 1855

What is this glowing tube? It is a hotel room! Could you sleep here?

Some hotels in Japan made small rooms. They are big enough for one grownup to lie down. They are called “capsules.”
Lily is eight. She was born with one hand. Now she has two!

Medical students made the new hand. They printed it on a 3-D printer. Lily calls it her “robot hand.”

Students at the school of medicine in Greenville, South Carolina worked together to design Lily’s hand. Plastic was heated inside a 3-D printer. It pushed out layer after layer. The plastic formed the parts of a hand. There was a wrist, a palm, and five fingers. It took a week to print all the hand parts! Lily is thankful for her “robot hand.” God made Lily. He made you too! Psalm 139:14 says, “I praise you, for I am fearfully and wonderfully made.”

God’s Big WORLD • November/December 2019

AP Photos
Give those coins back to Caesar! Find your way through the maze. Cross over every coin. But don’t go back over any of your lines. Don’t go over a coin twice.
Alexander the Great was a man of much knowledge, a king, and a general. He dreamed of a world empire where all people followed the same customs and way of thinking. He invaded Asia with his army. The wars lasted years. But Alexander died before he and his army ever returned home. Egypt wants to protect the large city named for this once powerful man.

Psalm 89:9 reminds us that God rules “the raging of the sea,” when its waves rise, He stills them.

Once there was a great city in Egypt (EE-jipt). Alexander the Great had it built. The city still stands. It is Alexandria.

Water is all around the city. Earthquakes and floods have harmed buildings. The city is sinking.

People put cement blocks along the shore. Will they stop the sinking?
Buzzing bees calm some people.

Buzz! Buzz! Do bees scare you?

Many Army veterans like to work with bees. They want to forget sad things. That is why bee-keepers teach them all about bees.

Bees carry pollen to plants.

Farmers need bees.

Bees help worried soldiers. They need bees too.

Programs that help veterans learn beekeeping are popping up all over the United States. The VA Medical Center in Manchester, New Hampshire, helps 12 veterans learn beekeeping. Heroes to Hives is at Michigan State University. Bees4Vets is in Reno, Nevada. And vets keep 18 hives on the grounds of the Minneapolis-St. Paul International Airport in Minnesota! Proverbs 24:13 teaches us, "My son, eat honey, for it is good."
Many libraries are beginning to lend more than books! The Kitchen Library in Portland, Oregon, lends kitchen tools. Some people don’t have much storage space. It’s helpful for them to borrow things. They can use something and then return it. Other people want to try things before they buy them. It’s free to borrow from a library! Psalm 37:21 says, “The wicked borrows but does not pay back, but the righteous is generous and gives.”
Read about Alexandria on page 1. It is a city in Egypt, a desert country. Find letters hidden in these desert pictures. Circle each blue letter when you find it in a picture.
They farm the old-fashioned way.

Fall is harvest time. Tractors, trucks, and other machines whirred and buzzed in most fields. But not in this one.

Horses pulled a planter last spring. Barley grew in the summer. Mules pushed a combine this fall.

These farmers like the old way of doing things. They don’t want to change.

Deuteronomy 8:10 reminds us, “You shall bless the Lord your God for the good land He has given you.”

Some farmers in the United States prefer the old way of farming. They do not use modern machines. They have horses and mules to pull the tools they use to plow, plant, cut, and harvest the grain. Some of these farmers live near Colfax, Washington. They want to keep the land the way it was farmed years ago. They want to teach others what they know.
God created lantern-flies. They have wings like paper. Parts are bright orange. So are their eyes.

These bugs belong in Asia. They hurt crops in Pennsylvania. They fly at faces. They land on shirts.

People stomp, spray, and zap the bugs. Will they ever go away?
It’s a new way to visit Dad.

Kids can visit their dads in prison. Most times there is a glass window between them.

Not here. Kids hug their dads. They play games and read stories.

This jail wants men to be good dads. It lets families be together. It is a happy time.

Some prisons and jails in Connecticut, New York, Oregon, Texas, and Wisconsin are trying out a new idea: Let moms and dads who are in jail hold and play with their kids. Most of them soon will be out of jail. This time helps them learn how to be better parents. It lets the adults and kids have fun together. That will help everyone when the parent goes home. The book of 1 John 3:1 tells us, “See what kind of love the Father has given to us, that we should be called children of God.”
How many horses can you find? There are the same number as legs on a spider.

Turn your paper sideways and upside down.
Two zoos have panda twins.

Two zoos have happy news. They both have panda twins! The four babies are tiny and pink. They look like fuzzy bubblegum! They will change colors soon. What will they look like then?

One set of giant panda twins was born in Belgium. Their birthday was in August. Hao Hao is their mother. The other set of twins was born in Berlin, Germany. Their birthday was in September. They are the first panda babies born in Germany! Their mom’s name is Meng Meng. Which set of twins is older? Jacob (Israel) and Esau in the Bible were twins. Esau was the oldest because he was born first. “Abraham fathered Isaac. The sons of Isaac: Esau and Israel,” says 1 Chronicles 1:34.
Is it a shiny water bug?

The Sea Bubble is a water taxi! Riders tried it on a river in France.

The taxi makes no noise and no waves. It runs on a battery.

People step into it. The doors shut. Four water wings lift the taxi. Whoosh! Away it goes.

This bubble-shaped water taxi zips through Paris along the Seine River. It can hold four passengers at a time. It flies above the water at 20 miles per hour. The Sea Bubble’s foils lift the taxi so that it skims above the water. There is no rocking and no seasickness! The company’s owners hope their little taxis soon will be used in many other busy cities around the world. Psalm 46:4 says, “There is a river whose streams make glad the city of God.”
Who will move 300 pianos?

Mr. Roe loves old pianos! He has hundreds. He fixes them up.

He stored everything in a big shop. But the owner sold the shop.

Mr. Roe has to move the pianos. But he is old. Who will help him?

Over 300 pianos for sale or repair fill Eugene Roe’s shop and showroom in Fitchburg, Massachusetts. But the owner sold the building. Mr. Roe found a new place for his work. But the 84-year-old can’t afford to pay movers. He had to be out of the shop at the end of September.

Perhaps friendly people will help Mr. Roe. That would show what Romans 15:2 teaches: “Let each of us please his neighbor for his good, to build him up.”
Find 15 differences between these two pictures.
The Pilgrims first sailed to America on a small ship called the Mayflower. The people of England gave the United States Mayflower 2 about 60 years ago. It is an exact copy of the Pilgrims’ ship. After many years, it needed repairs. Experts spent three years fixing it. In 2020, Mayflower 2 will be part of a 400th anniversary celebration of the voyage of the Pilgrims in 1620.

Mayflower 2 looks like the Pilgrims’ Mayflower. It is an exact copy. But it needed fixing up.

Now it has new boards, bolts, and ropes. All are just like they were on the Pilgrims’ Mayflower.

Mayflower 2 is ready to sail. It will honor the first Mayflower’s stormy trip. That was 400 years ago!

The Pilgrims praised God for their safe arrival at Plymouth with Psalm 107:1. “Oh give thanks to the Lord, for He is good.”

AP Photos

God’s Big WORLD • November/December 2019
Electric eels live in South America. They are fish that look like snakes. Their slippery bodies make electricity. Scientists found two new kinds of eels. One kind can zap 860 volts of electricity from its body. The highest charge from any other eel is 650 volts. Electrical outlets in U.S. homes supply 120 volts of power. God gave eels power to keep them safe from other underwater creatures. “Here is the sea, great and wide, which teems with creatures innumerable, living things both small and great.” (Psalm 104:25)
Mahjong rules are not exactly the same every place it is played. There are hundreds of game tiles. They have Chinese characters and numbers on them. Taylor Heffernan learned to play mahjong as a child. He started the Philadelphia mahjong club. Everyone there is still learning. So Proverbs 19:20 can be helpful. “Listen to advice and accept instruction.”

Americans are learning to play mahjong.

Snowflake. Dazzle. Betty. These are not pet names. They are names used in a board game.

The game was played long ago in China. It is called “mahjong.” And Taylor H. wants Americans to learn this game.

He started a mahjong club. People play in shops and cafes.
First the weather turned cold and birds flew south. Then it snowed. What happened next? Circle a number to put the pictures in the correct order. Circle the word that matches each picture.