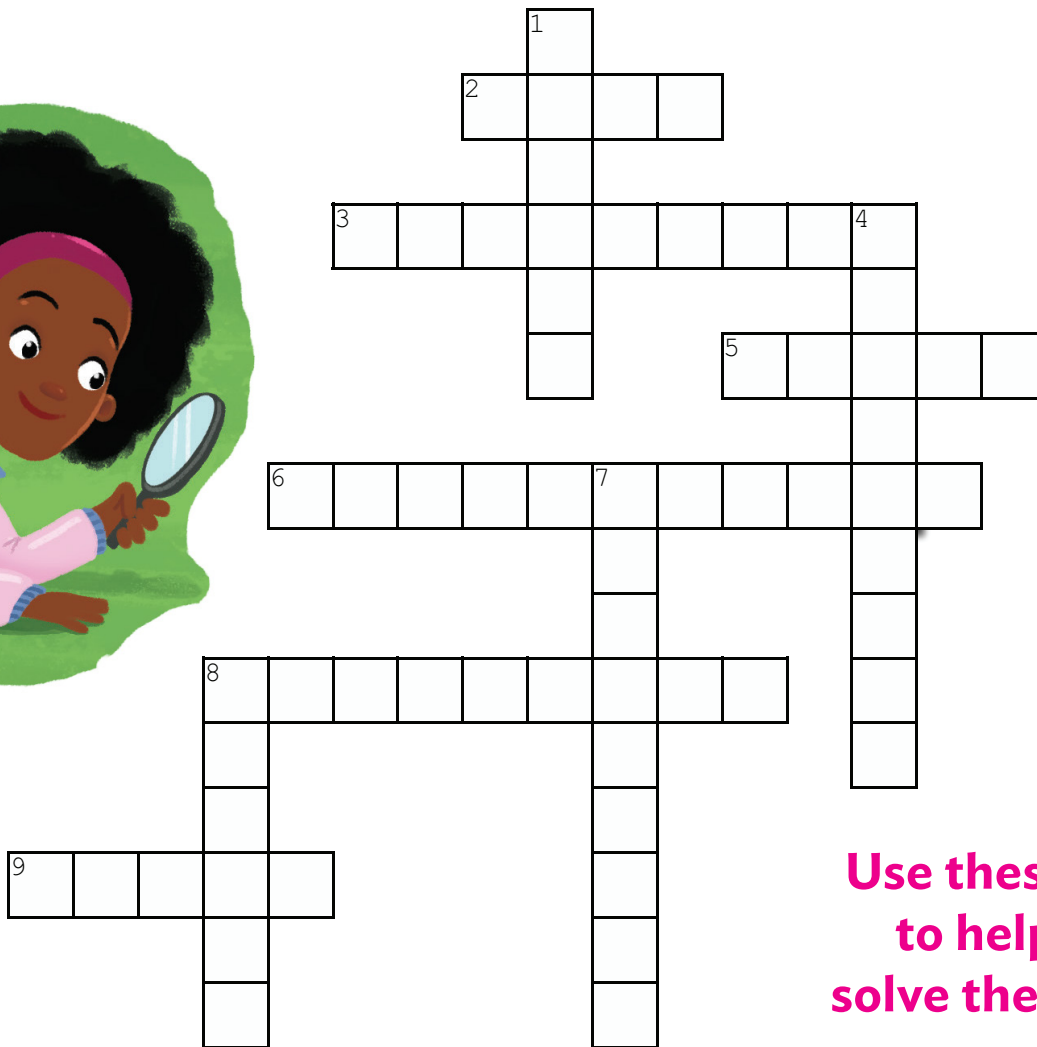


CROSSWORD



Use these clues
to help you
solve the puzzle!

ACROSS

2. Lake Retba in Senegal isn't blue, it's this bright color.
3. In the Southern Hemisphere, cyclones spin this direction.
5. A _____ is a serious disturbance in the Earth's atmosphere.
6. You are wonderfully and _____ made by God.
8. God can move _____ in your life.
9. Humans do this every 2 to 10 seconds, for one-tenth of a second.

DOWN

1. Elephants, dogs, lions, and porcupines all do this.
4. A planet outside our solar system that orbits around another star is called an _____.
7. You and I can never learn everything there is to know about God. He's _____.
8. The Earth is a giant what?

WORD BANK

LIMITLESS • STORM • HICCUP • MAGNET • MOUNTAINS
PINK • MARVELOUSLY • BLINK • EXOPLANET • CLOCKWISE

SPACE TREASURE

Search the galaxy for the words to fill in the blanks!

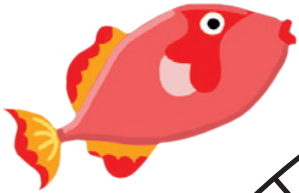


1. Jesus once told a storm to _____ and be still.
2. The _____ tree is covered in spikey spines and has even been used to make poison darts!
3. A _____-_____ is how far light travels in a year—5.88 TRILLION miles!
4. Just as the _____ layer wraps around the Earth, Jesus wraps around you and protects you!
5. Hippos have sweat that is _____!
6. A _____ is a special kind of sinkhole that is filled up with water
7. Lord, please give me the _____ to put my faith “on the move” for You.
8. The deadliest creature on land or sea is the _____ jellyfish.
9. God promises to wrap you in His bubble of _____.
10. The painted lady butterfly flies from North Africa to _____ in its migration.
11. God made _____ to work together!
12. _____ are the world’s largest land mammal.

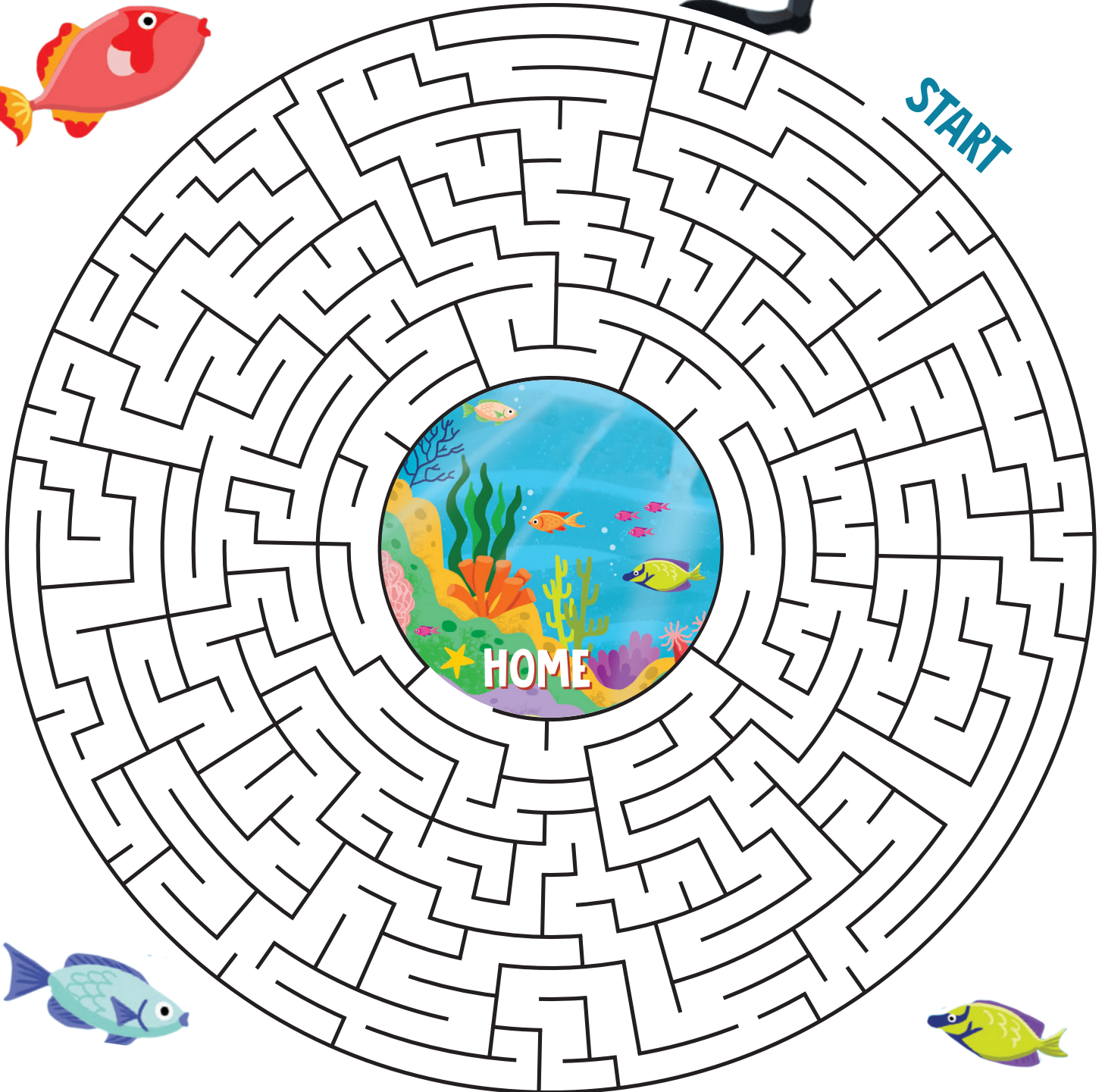


Swim through
the maze to reach the

OCEAN FLOOR



START

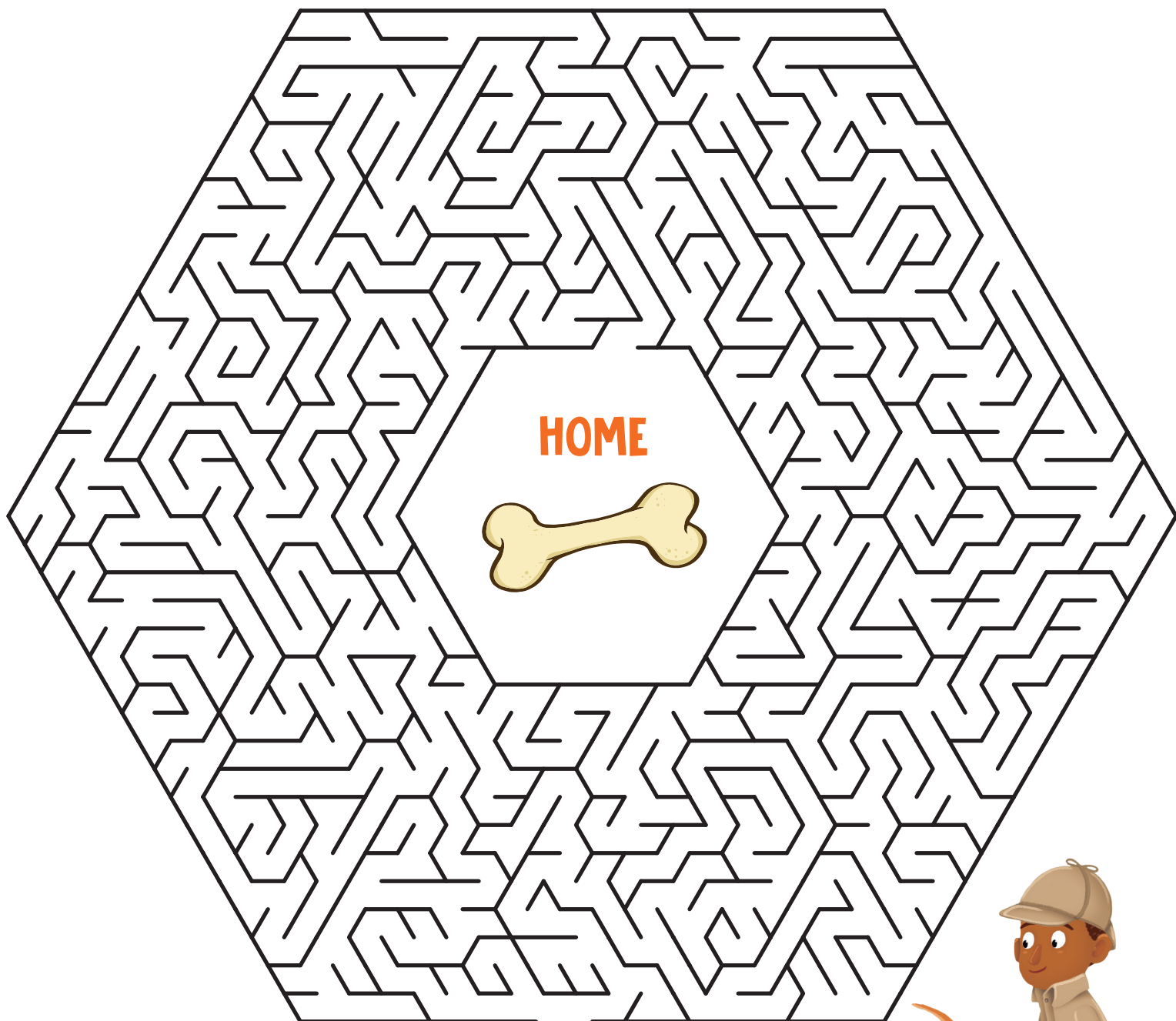


HOME



Follow your nose through the maze to

FIND THE BONE

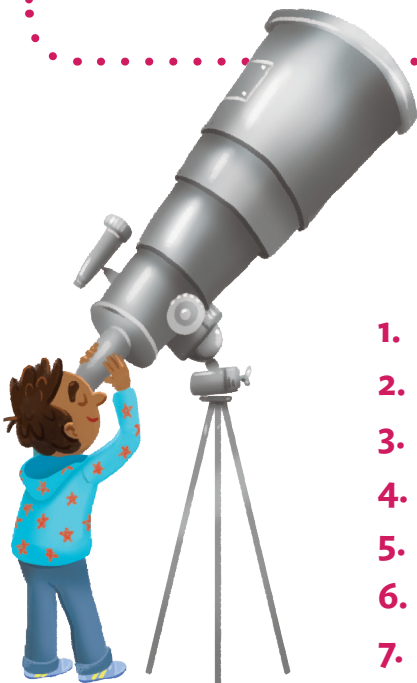


START



WORD SEARCH

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

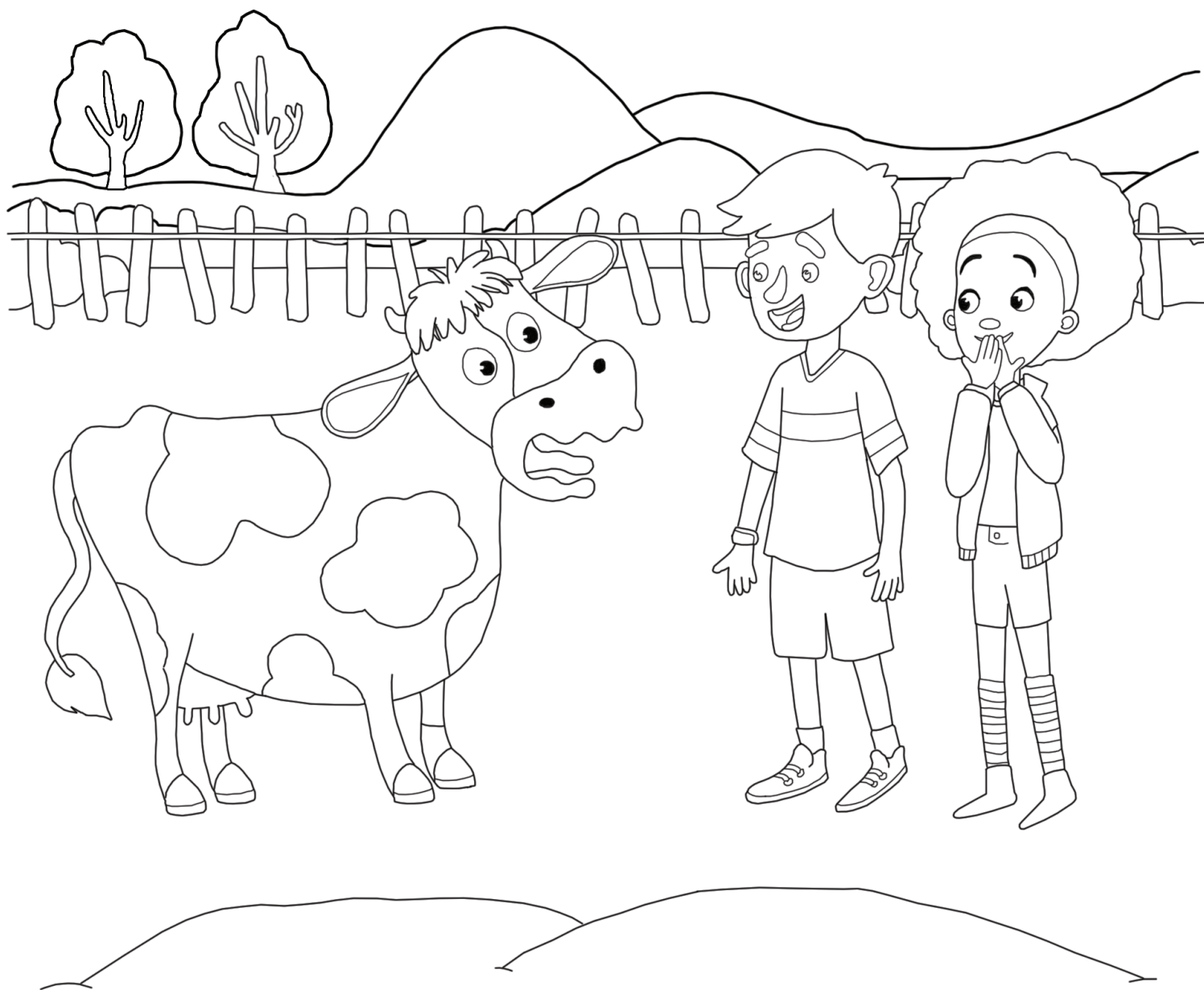


Find these words in the box above!

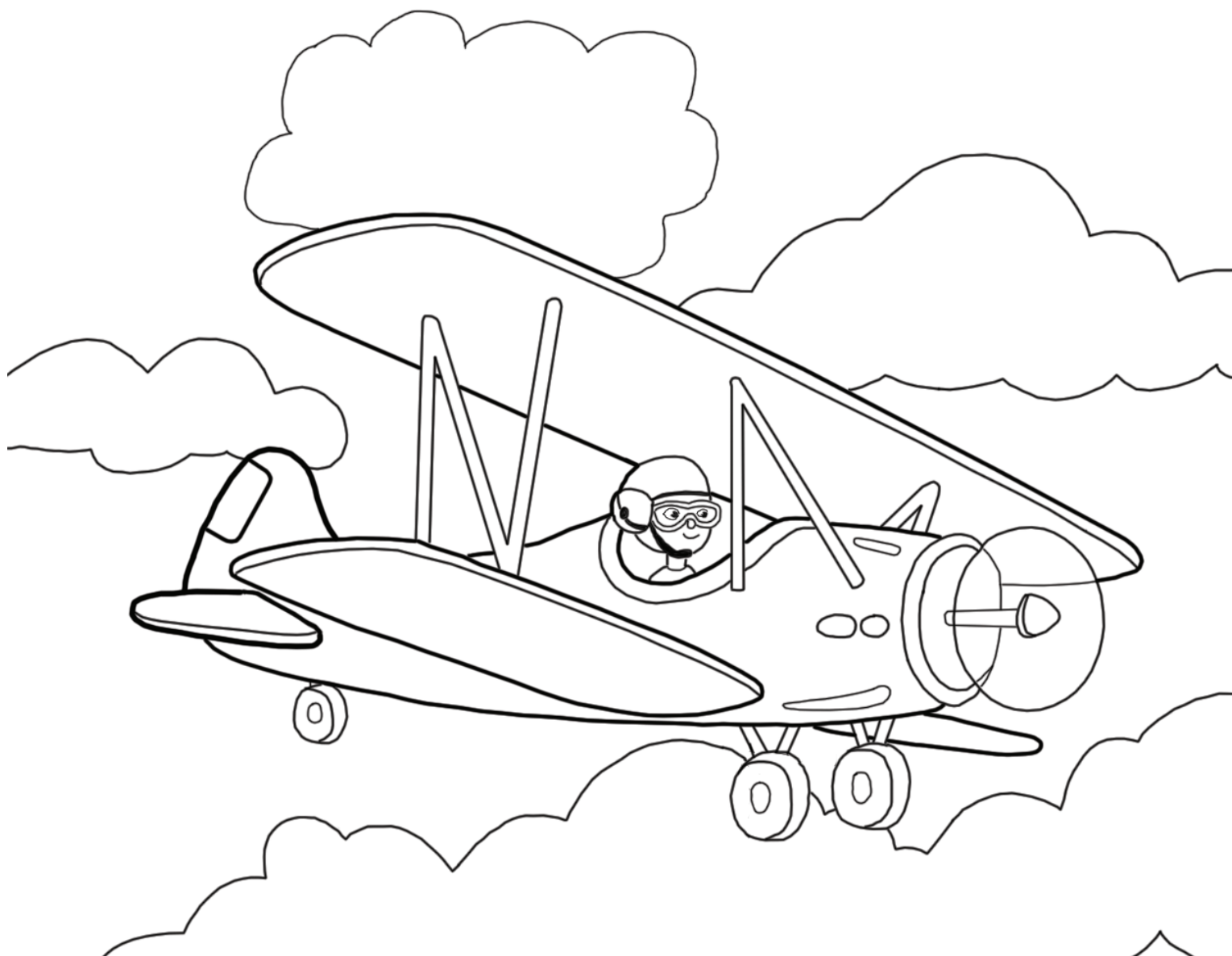
Words can be horizontal, vertical or even diagonal!

1. Hurricane
2. Stars
3. Galaxy
4. Bloodhound
5. Lightning
6. Telescope
7. Anteater
8. Moonbow
9. Creator
10. Promise
11. Oxidized
12. Indescribable
13. Creation
14. Science
15. Microscopic
16. Massive
17. Fascinating
18. Whirlpool
19. Echolocation
20. Amazed

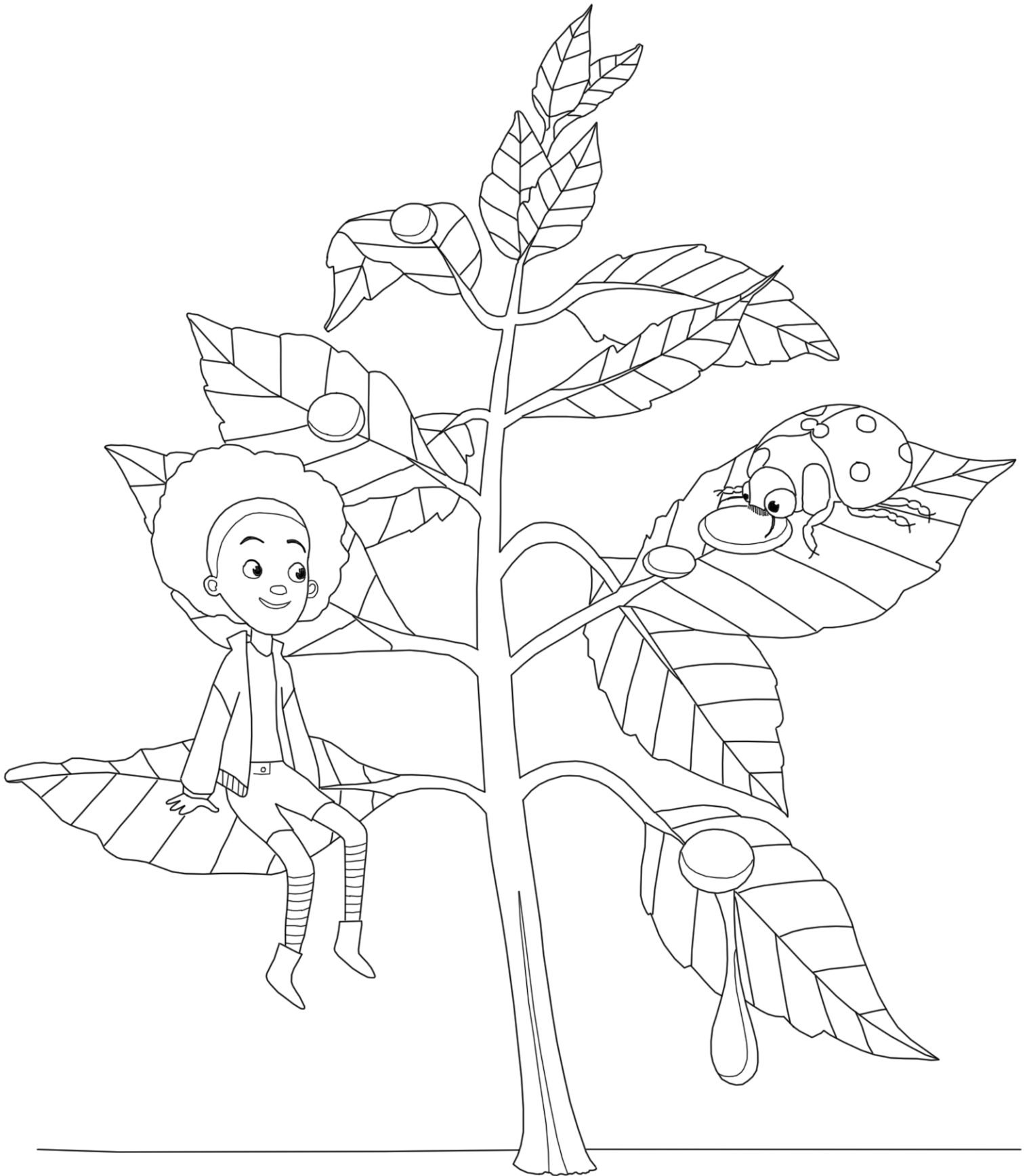
COLORING PAGE



COLORING PAGE



COLORING PAGE



HOW GREAT!

Did you know that the Earth is actually a gigantic magnet? Yep! And the North Pole and South Poles are the most magnetic, while the equator is the least. Many kinds of animals are able to sense that magnetism and use it to help them navigate. Some, like Monarch butterflies and whales, use it to travel long distances.



HOW GREAT!

Most earthworms are only a few inches long, but the Australian Gippsland earthworm averages around three feet in length and can grow to more than 10 feet long. They're so big that they can sometimes be heard gurgling as they burrow under the ground!



HOW GREAT!



When you sneeze, as many as 100,000 little droplets shoot out your nose at 100 miles per hour, traveling 20 feet or more. So please—cover your sneeze with a tissue or your sleeve!

HOW GREAT!

Rockets were invented in China more than 800 years ago! The first ones were just simple tubes filled with gunpowder and stuck on a stick—a lot like our fireworks. The Chinese used them in battles against invading armies.



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HOW GREAT!

It takes about 24 hours for the Earth to spin around, or rotate, once. It takes about 365 days for the Earth to circle around the Sun. But scientists believe it would take 230 million years for the Earth, Sun, and our solar system to make a loop around the Milky Way Galaxy. That trip is called a cosmic year.



HOW GREAT!

Your body does some completely amazing stuff each and every day: Your heart beats about 100,000 times every day and 36,500,000 every year.



HOW GREAT!

The cathedral termite of Australia likes to live in communities. It uses clay and sand to build insect skyscrapers that can tower an impressive 26 feet high—that's probably taller than your house!



HOW GREAT!

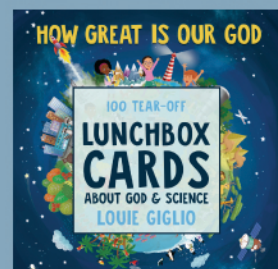
Our own Milky Way Galaxy is estimated to be about 100,000 light- years across, but recent studies indicate it may be as wide as 200,000 light- years. Compare that to the Sun, which is “only” about 93,000,000 miles away. That's not even a single light- year!



LUNCH + LEARN MORE!

**100 LUNCHBOX CARDS
ABOUT GOD & SCIENCE**

AVAILABLE AT:





THIS ONE IS *JUUUST* RIGHT!

Who knows, you may have been chosen
queen for just such a time as this.

— ESTHER 4:14 ICB

You remember the story about Goldilocks and the three bears, right? While Mama, Papa, and Baby Bear are out for a walk, Goldilocks helps herself to their porridge, chairs, and beds, testing each one in turn until she finds the one that’s “*juuust* right.” While Goldilocks could learn a thing or two about manners, there’s something to be said for things being just right. Like our Earth. It’s in just the right spot for life—a place scientists call the *Goldilocks Zone*, or the *Habitable Zone* for you more scientific types. Earth

isn't too close to the Sun (which would burn us to a crisp) or too far away (which would turn our planet into a big, round popsicle).

In all the vastness of space, God placed Earth in just the right spot for life. And guess what else—God places each of His people in just the right spot, just as carefully. Like long ago when He placed Queen Esther in just the right spot to save her people. You can read this incredible story in the Old Testament book of Esther.

Now, you might look up at all the stars—or even at all the 7.6 billion people in the world—and start to feel very small, maybe even unimportant. But remember this: the God of all creation chose you to be His own, and He put you in the right spot to play an important part in His kingdom. Yes, you may be small, but you are prized by Majesty. And you have been sent for by the God of all creation. Now, how great is that?

Dear God, when I start to feel small or unimportant, help me remember that You made me just right and chose me to be Yours.

HOW GREAT!

Fifteen different “Goldilocks” factors make conditions perfect for life on Earth—things like how much water we have, the Moon’s pull on the Earth, our spot in the Milky Way galaxy, and more. The fact that Earth meets these conditions is so amazing that some astronomers have estimated the chances of there being another planet like ours in the universe to be around 1 in 700 quintillion—or 1 in 700,000,000,000,000,000!



THAT'S IMPOSSIBLE!

He is the Maker of heaven and earth,
the sea, and everything in them.

— PSALM 146:6 NIV

The first verse of the Bible, Genesis 1:1, tells us that in the beginning, before there was an Earth or people or the starry sky, God existed. That same verse and the ones that follow tell us He Himself



HOW GREAT!

created the heavens and the Earth . . . and *life!* Everything we see is a product of His creativity. One of the coolest things about studying science is discovering how miraculously detailed God's creation is—from the tiny hairs on your head to the massive mountains and stars.

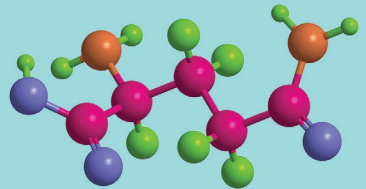
God created living things with some essential building blocks called *peptides*. (It sounds just like it looks: PEP-tides.) When joined with other chemicals, peptides help make a cell, and cells are the basic parts of every living thing.

Peptides are so tiny that we can't see them without the help of some mega-powerful microscopes. But just because they're small doesn't mean they're simple! Each peptide is made of two or more chemical components called *amino acids*, which need to be joined in just the right way

to create the variety of peptides our bodies need to function properly. The chances of that happening by accident are slim—about 1 in 10 duodecillion, or 10,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000. That's a 1 with 40 zeroes after it! Sound impossible? Not with God!

God made amino acids, peptides, cells, and all of creation to show us how great and powerful He is. What's really amazing is that the same great God who designed peptides put them together in just the right way to create you!

Peptides are in every one of the estimated 37.2 *trillion* cells in your body! There are many different types of peptides, and each has a special role in maintaining your overall health. Some peptides help your muscles grow and repair, while others carry messages throughout the body.



L - glutamine

Lord, everywhere I look I see signs of how great You are. Thank You for Your amazing creation, including me!



PURR-FECTLY HAPPY

Be content with what you have,
because God has said, "Never will I
leave you; never will I forsake you."

— HEBREWS 13:5 NIV

A cat's purr is one of the most soothing sounds around. But it's also a little mysterious because we don't completely understand how or why they purr. We usually think cats purr because they're happy and content. And

that's true. But cats purr for other reasons too. A mother cat will purr right after her kittens are born. The vibrations help the kittens, whose eyes are still closed, find the warmth and milk of their mom. Cats also purr when they're nervous or hurting. Scientists think the purrs soothe them and may even help them recover from injuries quicker.

Every cat has its own *purr*-sonality. Some are soft and rumbling, while others sound like an engine starting up from across the room. Whatever the reason behind it, purring has become a symbol for feeling happy and content.

The apostle Paul said he had learned the secret of feeling happy and content no matter what. How? By counting on Jesus (Philippians 4:12–13). He trusted Jesus to give him all he truly needed—and you can too! That doesn't mean you'll feel like turning cartwheels all the time. But it does mean you will have a blessing each day. You just might have to look up to remember it. Even on the worst days, you have a God who will never leave you and promises to meet all your needs. And those are some pretty great reasons to purr!

Lord, open my eyes to see all the reasons I have to be happy and content—and let me “purr” out my praise and thanks to You!

HOW GREAT!

House cats aren't the only cats that purr. Big cats like bobcats, cheetahs, lynxes, and even mountain lions purr too. But cats that roar (like lions, tigers, leopards, and jaguars) don't purr. That's because the bone in their throat is too hard to vibrate—unlike the more elastic bone of purring cats.

Mountain lion





STORMY WEATHER

God made rules for the rain. And he set
a path for a thunderstorm to follow.

— JOB 28:26 ICB

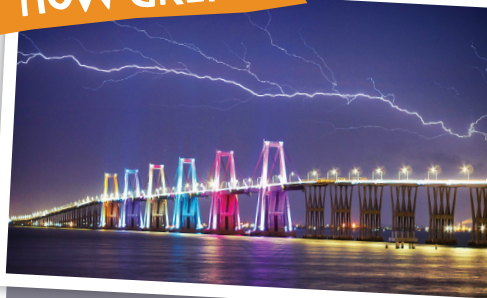
Howling wind. Pounding rain. Booming thunder. Lightning streaking across the sky. You know what that is—it's a storm!

Scientifically speaking, a storm is any serious disturbance in the Earth's atmosphere. There are storms of wind, hail, snow, and even dust, but the most common storms are thunderstorms. They have dark clouds, heavy

HOW GREAT!

rain, lightning, thunder, and strong winds. Thunderstorms happen when hot, moist air rises up and meets cooler air. As the warm air cools, clouds, rain, and lightning form. Meanwhile, the cooler air sinks toward the ground, creating strong winds. Some 1,800 thunderstorms happen across our planet every single day! And that's not counting all the other kinds of storms. Thunderstorms, snowstorms, and dust storms are all usually violent, often dangerous, and definitely scary.

But don't worry. Jesus knows a thing or two about storms. He once walked through a storm at sea—right on top of those angry waves. They didn't even slow Him down (Matthew 14:22–33). Another time, He slept through a storm, at least until His disciples woke Him up. Then He told that storm to hush and be still (Mark 4:35–41). The thing is, you're going to have storms in your life—thunderstorms, friend storms, family storms, or maybe even a faith storm. But know this: Jesus is ready to walk with you through the storms. So ask Him for help. He'll be with you from the first glimpse of storm clouds until the Sun comes out again.



Lake Maracaibo

There's a place in Venezuela, around Lake Maracaibo (mar-uh-KAHY-boh), where the storm almost never ends! For about 300 days each year, lightning zaps down an average of 28 strikes per minute and sometimes unleashes up to 3,600 bolts an hour, or one per second! Known as Catatumbo (ka-tah-TOOM-boh) lightning, this storm is so fierce and powerful that it can be seen up to 250 miles away.

Dear Lord, when storms come—in the skies, in the people around me, or in my heart—help me to remember that You are right there with me and that You are bigger than any storm!



5

FLOATING, FLYING, EXPLODING SEEDS!

“Plant what is right. Then you
will harvest good things.”

—HOSEA 10:12 ICB

Since plants don't do much roaming around, God has given them some unique ways to spread their seeds. You might have heard about birds eating seeds and then, well, “leaving” them somewhere else. Some seeds stick to an animal's fur and are spread when they eventually fall off. But other plants are a bit more creative in sharing their seeds.

For example, the coconut is actually a gigantic seed that floats! By riding the waves, coconuts have spread their trees to islands around the world. Other seeds, like the dandelion and maple “whirlybird,” sprout wings and fly away. The squirting cucumber fills with a liquid, building up pressure inside until it explodes, squirting its seeds 10 to 20 feet away. But perhaps the most impressive—and dangerous—is the sandbox tree. Also called the dynamite tree, the sandbox tree has seed pods like ticking bombs. When ready, they *explode*, shooting out their seeds at 150 miles per hour with a sound like a gunshot!

God was very creative with plants and their seeds. But there’s one kind of seed He wants *you* to spread: the seed of kindness. Being kind means more than just smiling and being nice. It takes courage to be kind to that kid everybody else picks on or that person who’s different from you. And it takes strength to be kind when you’re tired or when others aren’t so kind to you. But when you plant a seed of kindness, it grows . . . and spreads! When you’re kind to someone, it encourages that person to be kind to others, who are then encouraged to be kind to still more people, and on and on. So go ahead—spread a few seeds of kindness today!

Lord, plant a seed of kindness in my heart and let it grow so big that I just have to share it with everyone I meet.

HOW GREAT!

The sandbox tree is also called the Monkey-no-climb tree because it’s covered in spikey spines. The sap causes a terrible rash and even temporary blindness. It’s even been used to make poison darts and arrows! You definitely don’t want this tree in your backyard!





WHY IS THE SKY BLUE?

In the beginning God created the sky.

— GENESIS 1:1 ICB

Have you ever asked, “Why is the sky blue?” After all, it could have been purple or green or a lovely shade of puce. (What color is *puce* anyway?) Actually, the sky isn’t blue. We only see it as blue.

The fact is, sunlight is made up of all the colors of the rainbow. The light travels in waves. Some colors of light travel in shorter waves and others in longer waves. Light also travels in a straight line until it bumps into something—like the air, bits of dust, and water vapor in our atmosphere.

Because red, orange, and yellow have longer waves, they pass on through our atmosphere without bumping into much. But blue and violet waves are shorter. They bump into everything and scatter over the sky. Because our eyes don't see violet very well, we see the blue. So, to us, the sky is blue.

With all our science and technology, we can figure out the answers to some pretty tough questions, like “Why is the sky blue?” We can learn about wavelengths and the atmosphere. But we can never figure out *everything*. Sometimes we just have to stop and say, “Wow! God did that!” The sky is blue, the grass is green, you are you, and I am me because . . . Wow! God did that!

Dear God, help me notice the blue sky so that I can stop and say, “Wow! You did that!”

HOW GREAT!

The sky isn't always blue! At sunrise and sunset, it turns glorious shades of red and orange, pink and purple. That's because when the Sun is low in the sky, its light has to pass through more of the atmosphere. Those short blue waves get scattered even more—scattering them right out of your sight and letting the longer waves of red and orange shine through.



SAY A LITTLE PRAYER

“Pray like this: Our Father in heaven,
may your name be kept holy.”

—MATTHEW 6:9 NLT

You might have seen this holy-looking bug sitting on a tree branch, with its front legs folded up like it's praying. But the praying mantis isn't praying. It's waiting for *prey*. The praying mantis is an *ambush predator*. That means it sits very still, blending in with the leaves and twigs. When a bug, bird, or even lizard or frog happens by, it strikes lightning fast with moves



HOW GREAT!

that would make a ninja jealous! It can even spin in midair, landing right on its target. The mantis seizes its victim with powerful front legs (which are spiked!) and pins it down, often choosing to eat the brains first. *Whew!* Aren't you glad the praying mantis isn't big enough to think we look tasty?

The mantis looks like it's praying because that's the way God made it. But He didn't make you to *look* like you're praying. He created you to actually pray. In Matthew 6, Jesus shows you how:

Our Father in heaven,
 may your name be kept holy.
May your Kingdom come soon.
May your will be done on earth,
 as it is in heaven.
Give us today the food we need,
and forgive us our sins,
 as we have forgiven those who sin against us.
And don't let us yield to temptation,
 but rescue us from the evil one. (vv. 9–13 NLT)

Prayer isn't hard or complicated. No ninja moves are needed. It's focusing on who God is and what He does. It's telling Him what we need and listening for Him to answer—which He will always do.

Lord, thank You for the gift of prayer—and for always listening to me.

God listens when you pray—it's one of His promises (1 John 5:14–15). He cares about what you want and what's important to you. And when your prayers match up with what He wants for you, incredible things happen! Want proof? Start a prayer journal by writing down the things you pray for. Then watch and listen for how God answers you!