## 

### THROUGH SPACE

1. Zack took a big sip of his space shake and sighed. He looked **glumly** at his double moon burger with cheese. He was shocked by the news his parents had just given him. Even his favorite meal at the Blue Moon Diner could not make him smile.

His mom and dad looked at each other with **concern**. "Zack," his dad said, "we know you feel bad about this news. But it will be okay. Earth is a **fantastic** place! You will love living there."

But Zack did not want to move to Earth.
The moon was the only place he had ever lived, and he liked it. Plus, all his friends lived on the moon. He was in the fifth grade at Moon Elementary School. He had even started playing on the school's spaceball team! He loved everything about his life. And now all of that was going to change.

Zack looked at his dad. "But you grew up on Earth. If Earth was so great, why did you move here? And why would you want to move back?"

Zack's parents had moved to the moon 15 years ago. As scientists, they came to study how people were **adapting** to life on the moon. That was 20 years after the first **settlement**. Now people had been living on the moon for 35 years, and everything was running smoothly. There was nothing left to study. It was time to return to Earth.

"You might be surprised at some of the things you can do there that you can't do here."

"Oh yeah?" Zack said. "Like what?"

"Don't you remember learning about Earth in school? Remember how you loved learning about the oceans? On hot days, we'll go to the beach and swim. You can ride the waves on a surfboard. I used to go surfing every weekend. I can teach you. You'll love it!"

Zack thought for a minute. He had seen surfing on the TV channels from Earth. It did look really fun. And the beaches on Earth looked amazing in pictures. On the moon, there were no oceans or beaches.

"Well," Zack said, "I guess the ocean might be ice. But what else is there? I'm not sure that's enough to make up for leaving here."

"There are mountains, too," his mom answered. "In the winter, the mountains are covered with snow. You can go snowboarding."

"I've always wanted to see snow!" Zack shouted. "And snowboarding is awesome! Well, I mean, it looks awesome on TV."

Zack's mom and dad looked at each other and smiled.

Earth is starting to look better, isn't it?" his dad asked.

Zack nodded. "I'll miss my friends. And I'm not sure I'll like it there. But the oceans and mountains do sound great. Can we come back to the moon to visit?"

"Of course," his mom said. "Wherever we are, the moon is just a spaceship ride away! What could be easier than that?"

## MORKING

### LIKE A DOG

Have you ever heard of a dog that has a job? Believe it or not, lots of dogs have jobs! Besides being great pets, many dogs have been **trained** to do important jobs. These dogs do everything from helping people feel happy to saving people's lives!

One of the most **valuable** jobs a dog can do is be a guide dog for blind people. Using dogs to help blind people started in Germany in the early 1900s. The idea was brought to the United States by a woman named Dorothy Harrison Eustis. She was an American dog trainer. She heard about the work that the dogs were trained to do with

blind people. In 1927, she wrote an article about guide dogs for a **popular** American newspaper. She was very impressed by how the dogs helped people. And everyone who read her article was, too!

Many blind people wrote to
Dorothy to ask how they could get
a guide dog. She agreed to help
a blind man named Morris Frank.
Morris was the first American to
have his own trained guide dog. He
named his dog Buddy. He thought
Buddy was so good that he wanted

more blind people to have guide dogs. In 1929, Morris and Dorothy started a training school for guide dogs in the United States. They called the school The Seeing Eye®.





The Seeing Eye has been training dogs to work with blind people since 1929. Every dog that becomes a guide dog has to go through lots of special training. They need to be very **patient** and **gentle**. They must learn how to guide people through city streets, parks, stores, and much more. The dogs act as the people's eyes, so they must watch out for anything that's not safe. Before The Seeing



Eye, many blind people had to **rely** on family or friends to help them get around. But with guide dogs, they can go anywhere on their own. They know the guide dogs will keep them safe. Guide dogs and their owners grow to love and depend on each

other for life.

Today, dogs are doing many other jobs, too. Dogs have an **incredible** sense of smell. They can smell almost 50 times better than people can! Some people have very bad **allergies** to peanuts and other kinds of nuts. In fact, if they even get close to nuts, they can have trouble breathing. Dogs are being trained to smell nuts. These dogs get paired up with people who have very bad allergies. The dog works to make sure the person stays safe. When it smells nuts, the dog warns the person to stay away.



Some dogs have a very special job. They help people feel calm and happy. These dogs are called therapy dogs. Therapy dogs must be very gentle and calm. They must love children, adults, and other animals. Therapy dogs visit people in hospitals, schools, nursing homes, and more. People can pet and play with therapy dogs, which makes everyone feel very happy.

READING FOR DETAILS

# DON'T RASH THAT TREASURE



hink about how much trash you throw away. If you are like most people, you throw out garbage every day. It may not seem like a lot. But when everyone throws away even just a little trash every day, it adds up fast!

When we throw away trash, it sits in a garbage can until a garbage truck comes and takes it. The garbage truck then takes it to a **landfill**, where it sits for many years. With so much trash, we are running out of space in our landfills! And all this trash is not good for people, animals, or our planet. So what can we do? **Recycle**!

Recycling is one of the best things we can do for our planet. It **reduces** the amount of trash in our landfills. It saves energy. And it saves our **natural** 

resources from being destroyed. People have worked hard to come up with new ways to reuse items. In fact, you might be surprised by some of the things people recycle!

For instance, your jeans might be more useful than you think. Jeans are made from a material called denim.

People have found a way to recycle denim and use it in homes. Scraps of denim are placed inside the walls of people's houses. This helps keep heat inside during winter. The scraps of denim would have been thrown away in the past. Recycling them cuts down on waste, and the material does not hurt the planet!



# PRETTY READING FOR DETAIL

Did you know that one of the most poisonous animals in the world is only about the size of a bottle cap? You can find this tiny creature in Central and South America. It comes in a rainbow of bright colors. In fact, it can be quite beautiful. But you better not touch it. It's very dangerous. What is this animal? It's the poison dart frog.

People often wonder how this beautiful little frog could be so dangerous. Scientists think it's because of what it eats! The poison dart frog eats bugs that have poison

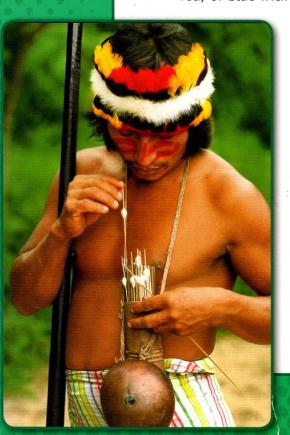
in their bodies. The bug poison stays in the frog's body but doesn't harm it.

Most poison dart frogs are bright yellow, red, or blue with dots or stripes. When

animals see the poison dart frog's bright colors, they know that the frog is **poisonous** and they should stay away. The bright colors are the frog's way of telling others that it is dangerous to touch.



Poison dart frogs **secrete** poison through their skin. If people or animals touch a frog, the poison will get on their skin. Then the poison can enter their bodies, too. This is how the poison dart frog **protects** itself. The frog also uses its poison to kill other animals for food.



Believe it or not, there are people who use the frog's poison to catch food! Indian **tribes** in South America have used the frog's poison to hunt for food for many years. In fact, it's how the poison dart frog got its name! The people in these tribes use special **darts** to hunt food. Before hunting, they touch the

tips of their darts against the poison dart frog's skin. The poison covers the tips of the darts and helps the

people be better hunters.

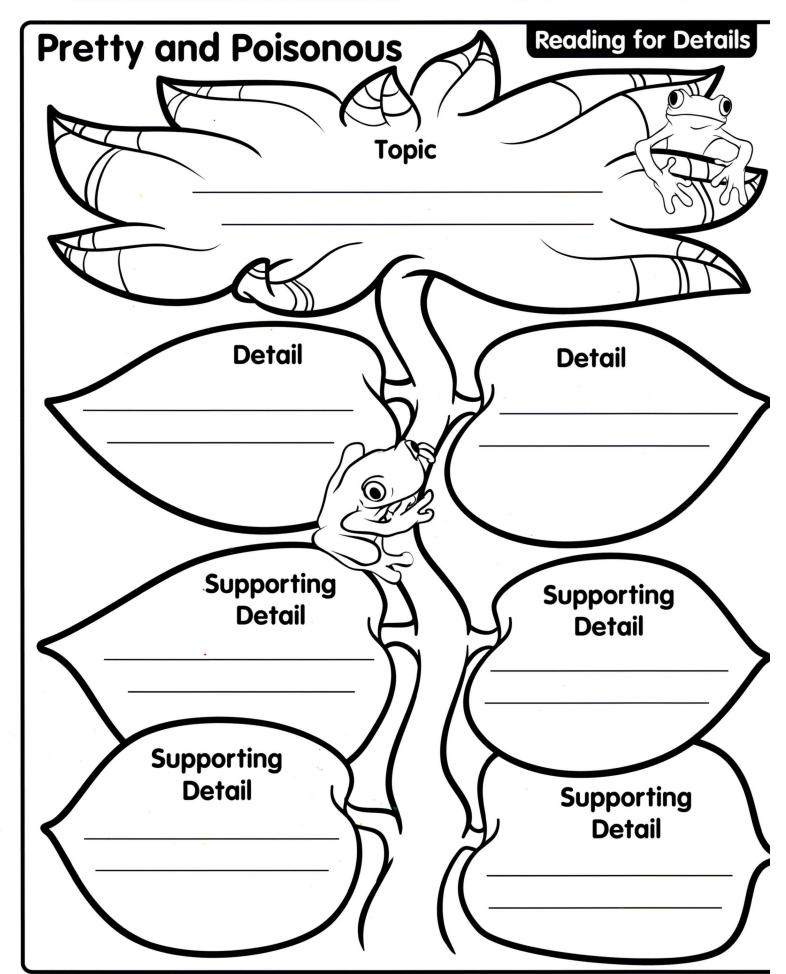
Because this beautiful frog is so dangerous, most animals and people have learned to stay far away from it. But there is one animal that is not harmed by it at all. It is a special snake that is **resistant** to the frog's poison. This snake is the poison dart frog's only **predator**.

No matter how beautiful an animal looks, people should never try to touch wild or unfamiliar animals like the poison dart frog. Like most wild animals, poison dart frogs will not try to hurt people unless they are threatened. People are much more dangerous to the frogs than

the frogs are to people. That's because people are much bigger. So give poison dart frogs their space, and they will give you yours!







**Moving Through Space** 

### Reading for Details



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**Details** 

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### **Don't Trash That Treasure**

Reading for Details

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