

LION

STUDY BOOKLET

FAST FACTS

[amazing creation]



FAST FACTS: LION STUDY BOOKLET CONTENTS

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LION FACTS



EARS

The Lion's hearing is so good that they can hear prey up to a mile away.

EYES

Lions can't see in the dark, but they have more light sensitive cells packed in their eyes which means they only need 1/6th the light that humans need to see at night.

NOSE

Lions are able to sniff out prey that is close by, and even guess at how long it has been there.

TEETH

The Lion's canine teeth are over 2.5 inches long

MOUTH

The muzzle of the Lion is like a human's fingerprints, with no two sharing the same pattern of whiskers.

ROAR

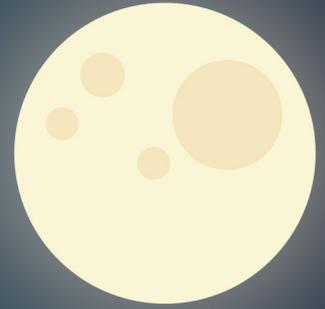
The Lion's roar is 25 times louder than a gas lawn mower and can be heard up to 5 miles away!

TAIL

The Lion is the only cat that has tufts of hair on the end of its tail.

BODY

The adult Lion's body is up to 8 feet long and they can typically weigh up to 500 pounds.



LEGS

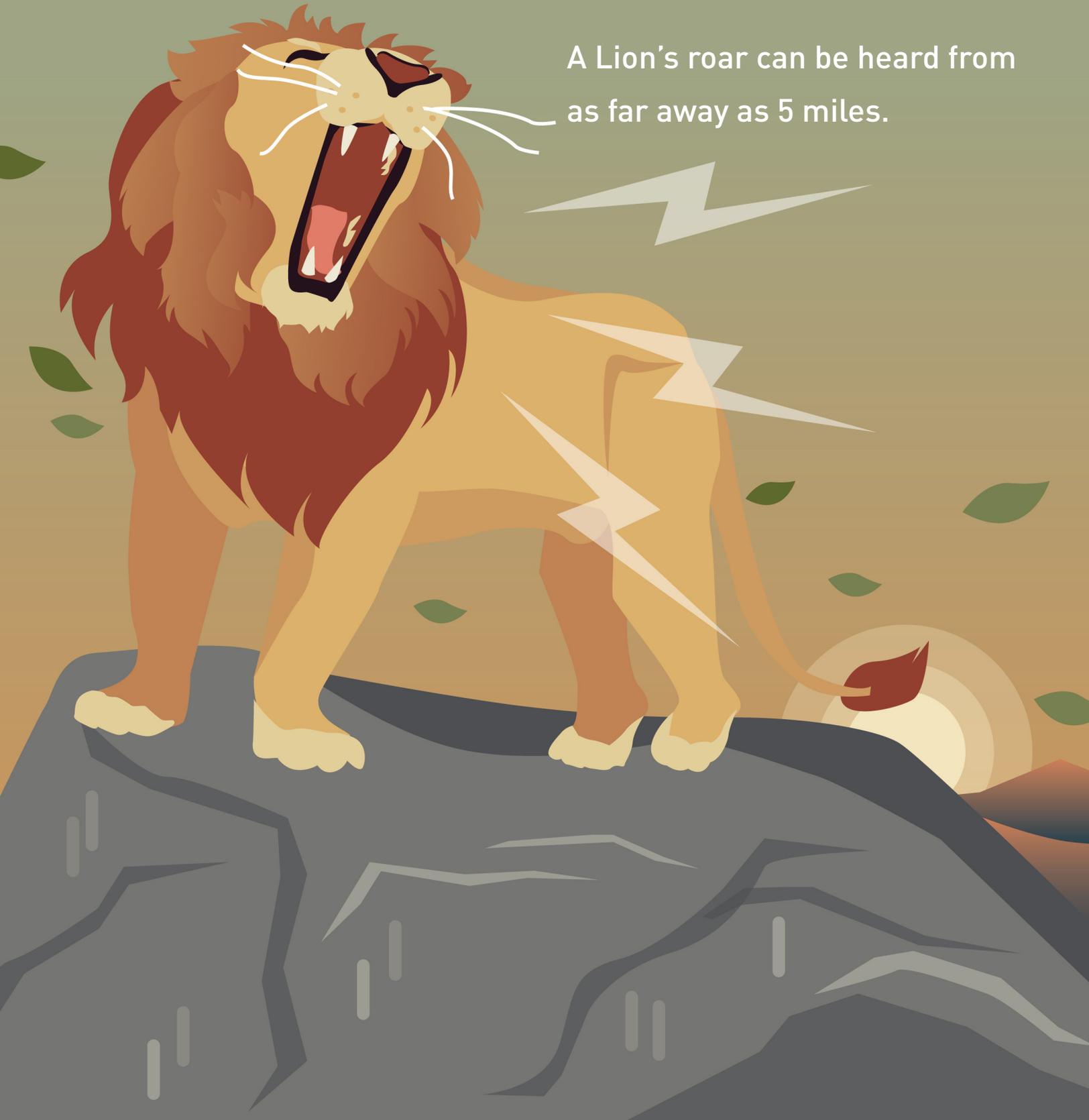
The Lion's legs are so strong that they can run at speeds up to 50 mph and jump almost 12 feet into the air.

SKIN

Lions have very few sweat glands, so in order to cool themselves down, they pant up to 200 times a minute.

PART 1

A Lion's roar can be heard from
as far away as 5 miles.



QUICK QUIZ

- 1 The Lion's name comes from which Latin word?
- 2 Who created the system in 1735 to name and classify the animals as well as many other things?
- 3 How fast can Lions run for short distances!
- 4 What is a pride?
- 5 Describe the different roles between the male and female lions in the pride.

DIGGING DEEPER

- 1 **Review the Creation story in Genesis 1.** On what day did God create the Lion?
- 2 The Bible talks a lot about the lion and uses different characteristics of the lion to represent different things.
Read I Peter 5:8 and Revelations 5:5. Who is being described as a lion in these verses and what characteristics are being used?

PREVIEW

What do you think the top 5 largest cat species are?

ANSWERS



PART 1: ANSWER SHEET

QUICK QUIZ

1. Leo
2. Carolus Linnaeus
3. 50 mph
4. The term used to describe a group of lions.
5. The females work together as the primaries hunters and are all related.
Males walk and mark their territory to protect it from outsiders

DIGGING DEEPER

1. The lion was created on day 6 with the “livestock and creeping things and beasts of the earth according to their kinds.” (Genesis 1:24b)
2. I Peter 5:8 is describing the devil as a lion, roaming about seeking out who he might destroy. In Revelations 5:5 the Lion of Judah is pointing to Jesus Christ. The roaming and devouring characteristics are used to describe Satan as he looks to prey upon those who are weak. Jesus is described as the King, the ruler and protector of His people.

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PART 2

A Lion can run at speeds up to 50 mph for short distances and can jump as high as 12 feet into the air.



QUICK QUIZ

- 1 Name the five largest cat species.
- 2 How many Asiatic lions are there and where do they live?
- 3 Approximately how many African lions are alive?
- 4 What do lions do for 16-20 hours a day?
- 5 How long and far do lions typically walk each day?
- 6 How long can a male lion's body be, how much can they weigh?

DIGGING DEEPER

- 1 ****Research**** Look up the similarities and differences between the Asiatic and African lions.
- 2 Draw and label the two different species of lion in the space below.

PREVIEW

What do you think is the largest cat species in the world?

ANSWERS

PART 2: ANSWER SHEET

QUICK QUIZ

1. Puma, Leopard, Jaguar, Lion and Tiger
2. Just a few hundred and they live in India.
3. 20,000-100,000
4. Sleep!
5. Two hours, about 6 miles!
6. 8, 300-500 pounds

DIGGING DEEPER

1. The African lion has a large magnificent mane; the Asiatic lion has a smaller “ruff” of hair on the top of their head. The Asiatic lions are smaller than the African lions and have a thicker coat, a longer tail tassel, and an abdominal skin fold.

REINFORCE

1. Who created the system in 1735 to name and classify the animals as well as many other things?
Carolus Linnaeus
2. How fast can Lions run for short distances! **50 mph**



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PART 3

The Lion is called the “King of the Jungle!”

The only problem is that they don't live in the jungle.

They live in grasslands and plains.



QUICK QUIZ

- 1 What is the largest cat in the world?
- 2 The “liger” is the offspring of which two cats?
- 3 How much does Zeus weigh? How about his brother Hercules?
- 4 Explain why two lions or two tigers cannot produce a cat that is as large as a liger.

DIGGING DEEPER

The term ‘**species**’ is a man-made term used in the modern classification system. The Bible uses the term “**kind**” in **Gen. 1:11, 20-25, and Gen. 7:14**. Many people are confused with the liger because it is the result of two different ‘species’ that are not supposed to be able to reproduce and have to have been around for an extremely long time.

- a. Does this support the evolutionary explanation?
- b. How does a plain reading of these verses in the Bible help us understand these strange creatures?

PREVIEW

How do you think the lion’s eyesight compares to ours?

ANSWERS



PART 3: ANSWER SHEET

QUICK QUIZ

1. A liger
2. A male lion and a female tiger.
3. Zeus is just under 900 lbs and Hercules weighs over 900 lbs!
4. The male lion has a gene that causes its offspring to be very large, but the female lion has a gene that restricts the size of its offspring. The female tiger does not have this gene so the liger can be huge!

DIGGING DEEPER

Land animals like wolves, zebras, sheep, lions and so on have at least two ancestors that lived on Noah's ark, only about 4,300 years ago. These animals have undergone many changes and have variety, but are still part of the same 'kind.' A hybrid animal like the liger, or a zonkey (male zebra with female donkey) or a horse (male zebra with female horse) are the result of the mating of two animals of the same "kind. "

REINFORCE

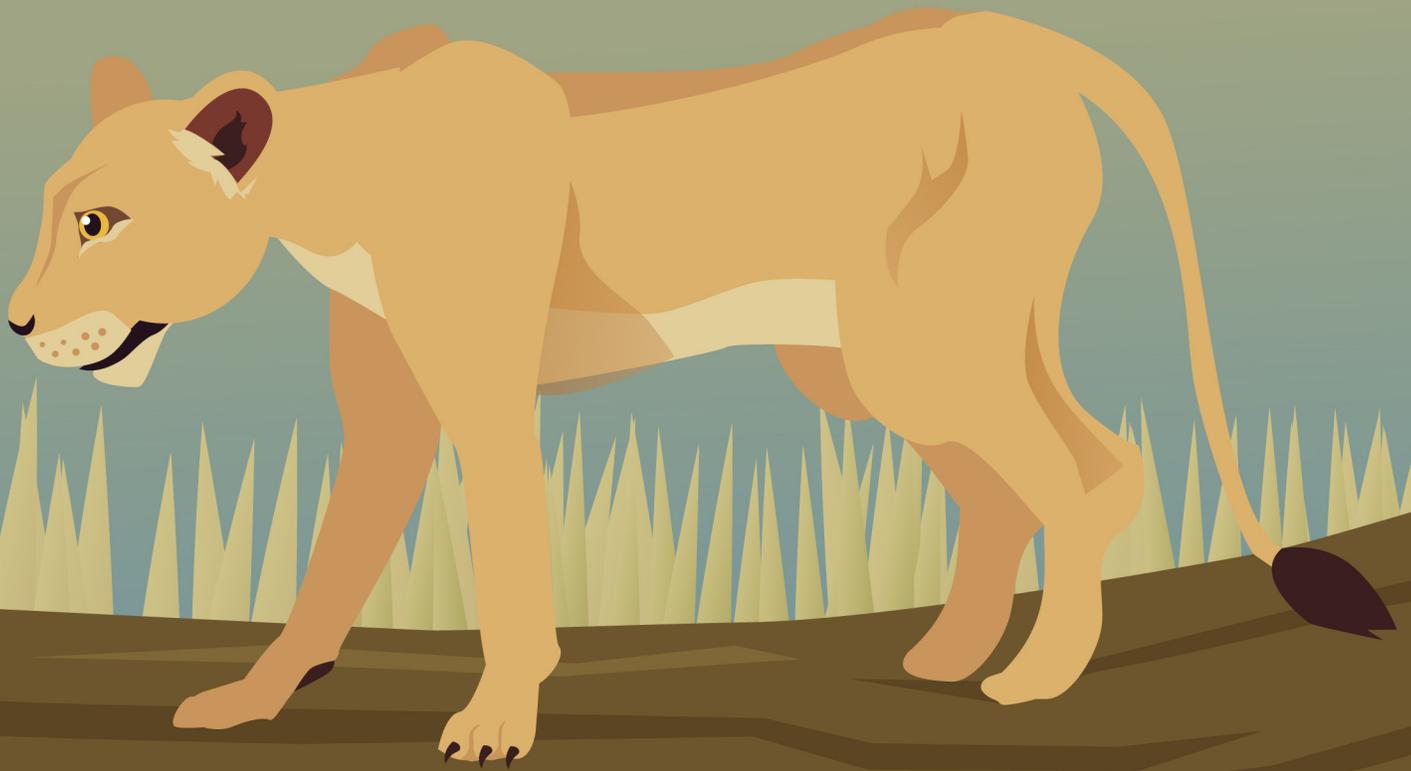
1. How many Asiatic lions are there and where do they live?
2. Approximately how many African lions are alive?



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PART 4



Lion's walk on their tiptoes! Their heels don't touch the ground.

QUICK QUIZ

- 1 How much better is the lion's eyesight compared to humans?
- 2 How far away can lions hear their prey?
- 3 What is so amazing about the lion's sense of smell?
- 4 How far away can the roar of a lion be heard?
- 5 What is one thing the lion can go without for 4 to 5 days?
- 6 Describe how the female lions treat the cubs in the pride.

DIGGING DEEPER

- 1 Read the following concerning the lion's eyesight.

"Lion cubs are born blind and don't begin to open their eyes until around three to four days old. Their eyes are a blue-grey color at first and begin to change to an orangey brown by the age of two to three months. Lion's eyes are quite large with round pupils that are three times as big as a human's. A second eyelid, called a nictitating membrane, helps to clean and protect the eye. Lions can't move their eyes from side to side very well, so have to move their whole

ANSWERS

head when they want to look in different directions. At night, a reflective coating on the back of the eye helps to reflect moonlight. This makes a lion's eyesight eight times better than that of a human. They also have a white patch of fur below their eyes which helps to reflect even more light back into the eye."

Does design like this support naturalistic processes or a designer?

2 **Read Psalm 34: 7-10.** Why do you think God uses the image of young lions in this verse?

PREVIEW

Who do you think has the largest bite force in the animal kingdom?



PART 4: ANSWER SHEET

QUICK QUIZ

1. 5 times better
2. 1 mile
3. They can smell their prey and know how long it has been there.
4. 5 miles away
5. Lions can go without water for 4-5 days!
6. They babysit and nurse all of the cubs in the pride.

DIGGING DEEPER

1. No one can force the correct response to that question!
2. God is showing us that even the strongest king of the animals will go hungry at times. Those who trust in God and fear him will always be taken care of and lack no good thing. God is the sustainer and Creator of everything, how much more will he care for us.

REINFORCE

1. The “liger” is the offspring of which two cats? **Male Lion and a female Tiger.**
2. Explain why two lions or two tigers cannot produce a cat that is as large as a liger. **A male lion has a gene so that their offspring will be large, but the female lion has a gene that restricts the size of its offspring. The female tiger does not have this gene so the liger can be huge!**

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PART 5



Lions sleep for up to 20 hours a day!
This helps them from overheating in
the Hot African sun.

QUICK QUIZ

- 1 Why do Lions have such a strong bite?
- 2 What are bites measured in?
- 3 Which dog has the strongest bite and how strong is their bite force?
- 4 How strong is the bite of a lion?
- 5 Which creature has the strongest bite force in the animal kingdom?

DIGGING DEEPER

- 1 **Read Isaiah 65:25**, why does this sound so striking after learning about the lion's bite force? **Read Genesis 3:14 and compare the two pictures we are given.** What does this say about the affect of sin on the creatures in the world, and the way they were created?
- 2 Try to organize the following animals in order from weakest to strongest bite force: **Alligator, Hyena, Hippo, Gorilla, Bear, Tiger, Jaguar**

PREVIEW

Why do you think a strong bite force could be a problem?

ANSWERS



PART 5: ANSWER SHEET

QUICK QUIZ

1. They have extremely large jaw muscles and a specially designed jaw.
2. PSI: pounds per square inch
3. Mastiff. Their bite force is around 500 PSI.
4. The lion has bite force of around 1000 PSI.
5. The saltwater crocodile with a bite force up to 3,700 PSI.

DIGGING DEEPER

1. God created animals to be vegetarians, mans fall brought about death. Isaiah gives us a picture of God's creation before the fall and a glimpse of the characteristics of the world to come.
2. Bear, Tiger, Hyena, Gorilla, Jaguar, Hippo, Alligator

REINFORCE

1. How much better is the lion's eyesight compared to humans?
2. What is so amazing about the lion's sense of smell?

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PART 6

Baby Lions are called cubs,
whelps or lionets!



QUICK QUIZ

- 1 What would happen to the lion's teeth if they met during its killing bite?
- 2 Why do lions need such a strong bite force?
- 3 Which came first, the chicken or the egg?
- 4 How does the design of the lion's jaw protect its teeth from shattering while it bites?

DIGGING DEEPER

- 1 ****Review**** Think back to some of the characteristics we have learned about the lion. How do these things show us that God created the lion to survive in the environment they are in?
- 2 Why do we see design features that look as if they are just for killing or hurting?
- 3 For a real life example of a lion that was totally vegetarian read the book, "Little Tyke."

ANSWERS



PART 6: ANSWER SHEET

QUICK QUIZ

1. The lion's teeth would shatter.
2. They need a strong bite force to kill their prey and survive.
3. The chicken! And that's because God said He created birds on day 5 of Creation week. He was there and He should know how he did it!
4. The top and bottom jaws are offset so when they bite the top and bottom molars do not come together. When the lions eat the jaws slide back and forth allowing the teeth to cut the food.

DIGGING DEEPER

1. Answers will vary.
2. Because man sinned and destroyed what God gave to us originally. When God first created everything, it was perfect. There was no death, no suffering. At the end of Creation week God said everything was "very good"! But man rejected what God said and sinned by not listening to what he was told. As a consequence of man's actions, death entered the world.

The features that we see that are used for killing could have come about in a few ways. Maybe they had them when they were first created, but didn't need to use them for killing other animals, but for eating other types of food. Or maybe they came about as a consequence of man's sin.

The Bible states that the whole of creation has been impacted by man's sin. We can't answer that question completely. But, we know this. God gave us what He wanted for us and that was perfection. He then gave Adam and Eve the opportunity to receive or reject what He had told them.

PART 6: ANSWER SHEET

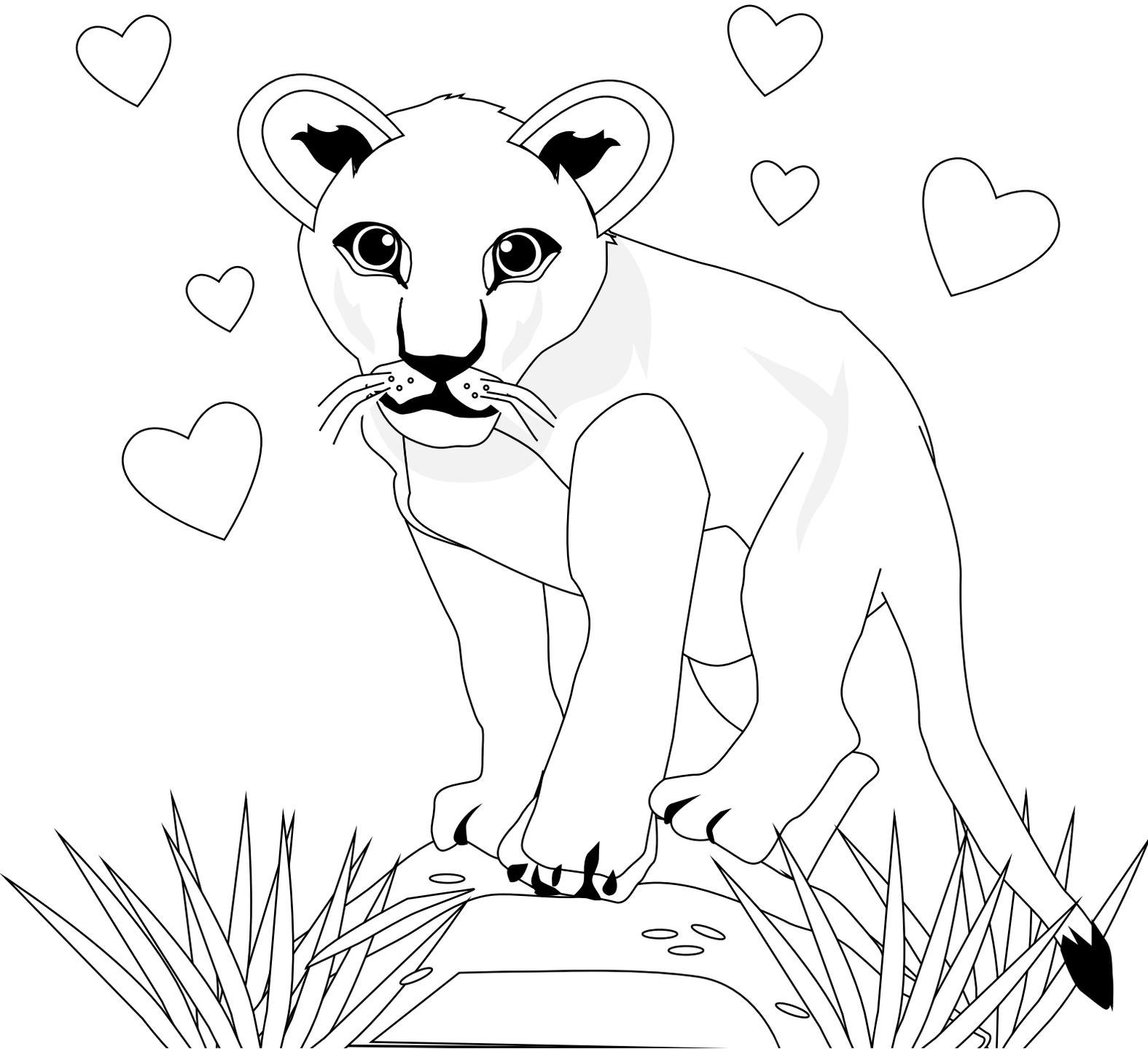
They rejected and we are suffering the consequences to this day. Each of us are sinners as well and have rejected what He gave to and for us. We must each repent of our sin and turn our lives over to Christ. Only He can take that which is broken and turn it into something amazing!

Please use these studies to point people to Jesus Christ and His Holy Word, the Bible.

PUTTING IT TOGETHER

Have your student/child list as many of the design features that were covered in this series. Talk with them about which worldview these design features are consistent with. Naturalistic processes or Creation?

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