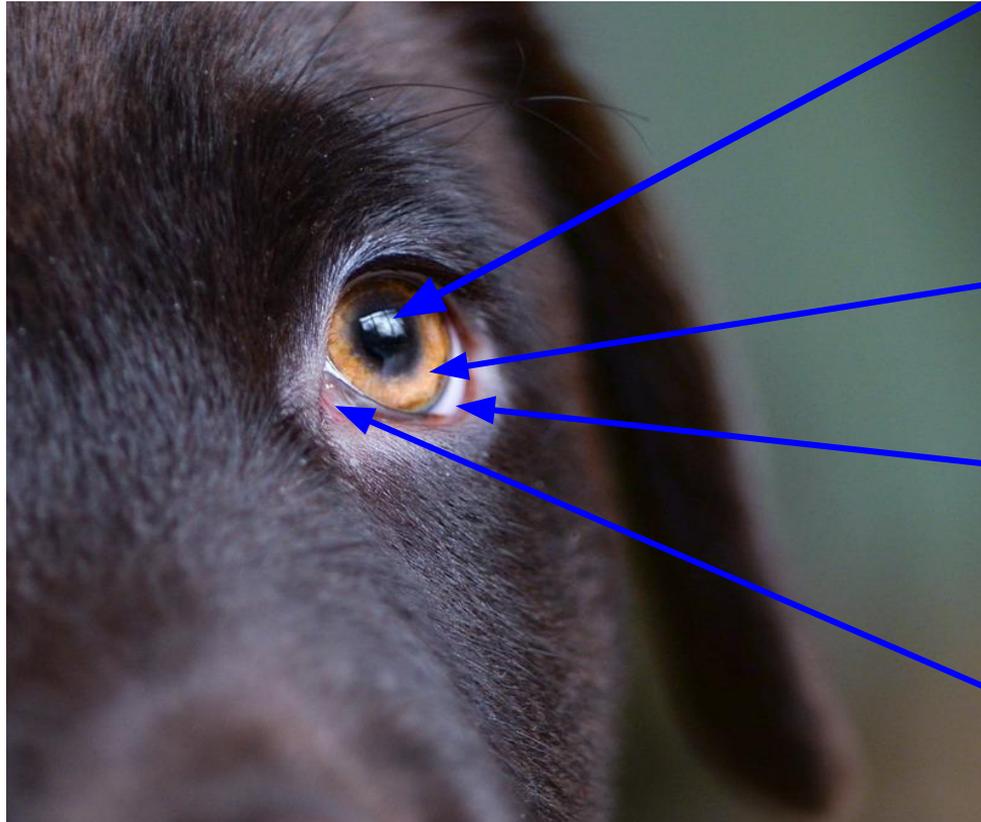




VETERINARY OPHTHALMOLOGY

All About Animal Eyes

NAME THE PARTS OF THE EYE!



Pupil

Iris

Sclera

Third Eyelid

NAME THE SPECIES YOU THINK THIS EYE BELONGS TO!



A. Turtle

B. Llama

Great job!

C. Gecko

D. Porcupine

Gecko eyes are unique and change shape to be smaller in bright light, and larger in the dark. This way, they can see many colors even at night!

NAME THE SPECIES YOU THINK THIS EYE BELONGS TO!



A. Dog

B. Goat

C. Cow

D. Chinchilla

Goat eyes look a little different because they have rectangular pupils that allow them to see more area.

NAME THE SPECIES YOU THINK THIS EYE BELONGS TO!



- A. Alligator
- B. Fish
- C. Snake
- D. Frog

This is a tricky one! A frog's bulging eyes allow it to see in many different directions.

NAME THE SPECIES YOU THINK THIS EYE BELONGS TO!



- A. Horse
- B. Cat
- C. Dog
- D. Rabbit

Horses have the largest eyes of any land animal!

NAME THE SPECIES YOU THINK THIS EYE BELONGS TO!



- A. Guinea Pig
- B. Cat
- C. Dog
- D. Rabbit

*Cat eyes have vertical pupils,
and can see movement much
better than we can!*

NAME THE SPECIES YOU THINK THIS EYE BELONGS TO!



- A. Elephant
- B. Sloth
- C. Dog
- D. Monkey

Monkey eyes are thought to look the most similar to human eyes out of any animal!

TRUTH OR MYTH?!

TRUTH OR MYTH?

Myth!

DOGS ONLY SEE IN BLACK AND WHITE...

*Dogs CAN also see yellows, blues,
and browns!*

*However, they CANNOT see reds or
greens!*



TRUTH OR MYTH?

CATS HAVE GREAT VISION IN THE DARK.....

Cats pupils can get very large in the dark, allowing them to see very well. Cat eyes (along with many other animals like dogs, raccoons, deer, horses, and ferrets) have a reflective membrane in the back called the *Tapetum Lucidum*. This allows light to reflect off of them for them to process images in the dark better than other animals.

Truth!



TRUTH OR MYTH?

HORSES WITH BLUE EYES TEND TO HAVE MORE EYE PROBLEMS...

Eye color has no correlation with predisposition to eye problems.

On the other hand, studies show that coat color and eye issues are related! Certain breeds are genetically predisposed to problems with the eyes.

Myth!



TRUTH OR MYTH?

COWS HAVE A RANGE OF VISION
OF 300 DEGREES...

Cows are a prey species, and this extensive range of vision helps them be on the look out for predators!

For comparison, humans only have a range of vision of 180 degrees!

Truth!



THANKS FOR
PLAYING!
YOU TRULY ARE
SOME EYE EXPERTS!