

My part of the cow is the tongue. I chose this part because if the cow ate something wrong the tongue tells the brain. It tastes. When the cow is sick you can tell because the tongue turns black. The tongue is one of the most important parts of the cow.

I chose the tongue because I wanted to tell the difference between the cow tongue and the human tongue. Human tongues are more flat than cow tongues. Cow tongues at the very back are an inch thick! Baby cow tongues are  $\frac{1}{2}$  inch. Cow tongues are more pinkish. Baby cow tongues are more pinkish, then they turn black! I like that cow tongues are longer and thicker than human tongues!

They taste when they eat food, and when they chew their cud, the flavor comes back up so the cow knows how the taste is. Cows taste with their taste buds. Taste buds are the bumps on your tongue that taste when you eat something. All animals have taste buds, and if they didn't they wouldn't taste, so they might eat something wrong.

The tongue can tell you when the cow is sick. One sickness is called wooden tongue. The tongue gets foamy and hard like wood. That's why it is called wooden tongue. It's very gross. Wooden tongue is an infection caused by rod-shaped bacterium. Bacteria is a kind of germ that is sometimes really bad, but sometimes bacteria is good. Wooden tongue can kill a cow if the farmer doesn't notice it has wooden tongue. It makes the cow stop breathing right, so it dies.

Baby cows can be fun, but you should learn about the tongue. It's very interesting. I learned that cow tongues are similar to human tongues, but different in the same way. Cows taste sweetness, sourness, and regular. If you didn't have taste buds, you might not be able to eat. Tongue sickness can be very, very bad, and it can make cows so they cannot walk, or even kill them. Thanks for reading about the tongue. Bye bye!

**-Lainey**



Hi, I'm Klowi [redacted] and I will tell you all about the cow behind. The cow behind has many different parts. The anus is where the poop comes out of the cow. I chose my part because the baby comes out of it. The cow needs to have babies because the old cows will die and there's no new cows to take their place. The cow behind has the hole the baby comes out. Let's jump to the next paragraph.

The cow behind has many different parts. The tail head is where the tail connects to the rest of the body. The pin bone is where the behind of the pelvic bone and it looks like two bumps by the tail head. The rear udder attachment is where the udder connects to the behind. There are many more parts to go.

The anus is where the poop comes out of the cow. The anus has a group of muscles called the rectum. The rectum pushes the poop out. It is not the same hole where the baby comes out. The anus is a very important part of the cow.

Newborn cows are made by reproduction. The cow has babies when it's two years old or older. Cows are pregnant for about 283 days. Cows can walk two hours after birth. It's all very gross to watch.

I'm very happy with the part I chose. Sure, some of it is gross stuff, but it's still cool. I didn't know there would be so much information to learn. I have learned a lot about the parts of a cow behind and how they function. I will never think about cows the same way ever again.

-Klowi [redacted]



I chose the blood of the cow. I chose the blood because I wanted to know the difference between the human blood and the cow blood. The blood carries nutrients of the food through the body. If the cow does not have blood the heart will not have something to pump through so the cow will die! I will tell you more about the blood of a cow on the next paragraph.

I am going to tell you three facts about the blood of a cow. Blood carries nutrients. Blood goes through the body because the heart pumps it. The difference between human blood and cow blood is that the cow is bigger and more blood goes through. A cow has about 1.8 ounces per 2.2 pounds of the cow's weight. A human has about 1 ounce per 1 pound of their weight. So a human has more blood for their weight, but a cow has more blood altogether. I will tell you more about the blood of a cow.

The blood carries 34,015 kinds of nutrients through the body. The blood goes all throughout the body. If cows do not have blood they will die because the heart does not have something to pump! The cow would die without blood because the blood carries nutrients, and the nutrients couldn't get to the rest of the cow's body. Blood also carries oxygen, which helps the cow breathe and helps the body run. Every single part of the body runs by oxygen, so if the blood didn't carry oxygen, all the parts of the body would stop. Let's 'moo've on!

Cows do not all have the same blood cause there are different types! Blood type is decided by antigens. Antigens fight diseases. People and dogs have four blood types, cats have 11, and cows have 800! Each cow has one of the 800 blood types. Mooooooooooooo!

I wanted the part because it does amazing things, that I learned. It does carry proteins and minerals in the blood through the body! Blood also carries oxygen. They need blood so it can carry nutrients and oxygen through the body. Dogs, cats, and cows have a lot of blood types in their bodies, decided by antigens. Thanks for reading my five paragraph essay.

**-Jaxton**



My part is the ears of a cow. All cows have ears. It's a good thing, because the ears do a lot of things that other parts do not. Imagine a cow didn't have its ears. It would look silly, and act silly. Cows do not speak sign language.

Did you know that cows get their ears pierced? It's true! It's called tagging. When a calf is born, its owner puts a small needle into its ear. Just like a friend would put a needle in *your* ear! Then he would put a tag with a number and the cow's name in the place where the needle was put.

Now that we've talked about piercing ears, let's talk about cows' calls. Every mother and calf has a different 'moo'. So, if a calf gets lost or goes wandering, the mother will "Moo". The calf will "moo" and follow at the same time. Well, now the calf is safe, but has he learned his lesson? He should get permission. It's still not safe, because the calf could get injured.

The ears are very important to a cow's life. Partly, it keeps it alive! Imagine a cow didn't have its ears! Fifteen percent of cows would die without their ears! They keep it with its herd, they bring it close to its mother, and it would probably look really weird without its ears!

The ears are very important, not only to a cow, but to us! Without ears, we couldn't hear, and we wouldn't even talk! We wouldn't die, but we couldn't hear, and it would difficult to learn sign language, because we couldn't understand what it meant. We eat cow, which has ears, and guess what! Plants are deaf, but some of them have ears too, like corn! Potatoes have eyes. That's cool, huh? Let me tell you something, ears are fun!



My part of the cow is the heart. I chose this part because I wanted to learn about it! The heart pumps the blood through the veins. Without the heart the blood wouldn't go through the body. Now let's pump on.

I chose to talk about the heart because I thought it would be fun and it is! One reason I chose the heart is I wanted to learn the differences between a human heart and a cow heart. Cow hearts and human hearts have four chambers. There are two atria and two ventricles. A cow heart is five pounds, but a human heart is  $\frac{1}{2}$ - $\frac{3}{4}$  of a pound. Another interesting fact to me is that a cow heart is good to eat. They also have a lot of cholesterol in them. And another thing is because it's fun to learn about inside parts! Now let's milk on.

The cow heart pumps the blood through the veins. A cow's heart pumps 55 times per min., 79,200 times per day, and 28,908,000 times per year. If you are wondering how I found that out I'll tell you. I searched 'how many times does a cow's heart pump per min.', and then there was a thing that said 'vital signs for cows, horses, dogs, and cats'. I clicked it, and then it said that a cow's heart pumps approximately 55 times per min. Then I got a calculator and I multiplied  $55 \times 60$ . The reason I did  $55 \times 60$  is because there are 60 minutes in an hour and there are 24 hours in a day. Then I multiplied the number I got, which is 3,300, by 24. That equals 79,200. Then I multiplied  $79,200 \times 365$  and it equaled 28,908,000. That's how I got these numbers.

Blood is very important to making an udder work. Guess how many pints of blood a cow's udder needs to make 3 gallons of milk! I will tell you. The udder needs nearly 10,000 pints of blood. That's 1,250 gallons! The blood goes through the udder at 280 milliliters per second!

I wanted to learn about the heart for a lot of reasons. I learned that a human heart and a cow heart have four chambers, and cow hearts are heavier than human hearts. Udders need a lot of blood to go through them to make milk! I learned how to research things, and more about myself. One of the ways I learned to research things was using the internet. One thing I learned about myself was that I like to learn. I am so thankful that you have read my essay.

**Roman**