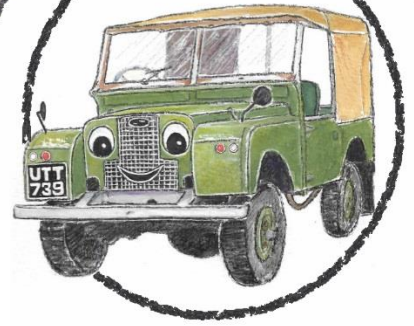


### Looking after Animals

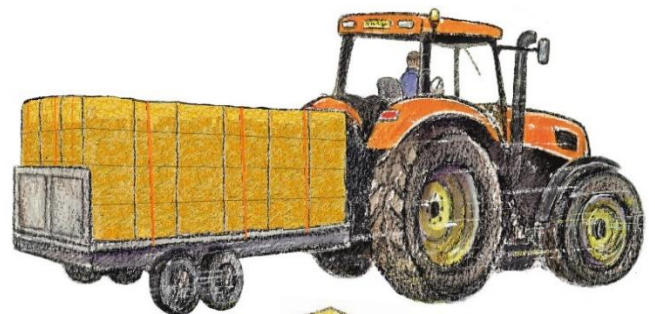


Animals need to be kept warm and clean, so straw or hay is put on the floor of their homes. This needs to be changed regularly so it doesn't get damp and smelly.

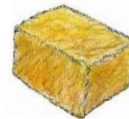
Jack gets his hay bales from Farmer James who grows the grass in his fields, then cuts it down using a mower.

James uses a baler to compress the grass and tie it into bales.

Then he can easily lift them and put them on a trailer.



#### What Animals Need:



If you keep farm animals or pets, they all need air, food, water and space to move about.

Most of them need shelter, especially in bad weather conditions.

#### Being responsible for pets:

Pets that you keep at home, need to have food and fresh water given to them every day. If they are in a cage, you need to keep it clean and change the bedding regularly.

Even if you are tired and busy, you need to be responsible and care for your pets so they don't suffer.



Learning  
with  
**Landy**

# Farm Friends



## Draw a Real or Imaginary Pet

Think about the size of your pet and what type of ears and nose it has. Does it have any markings on it and what type of tail and feet does it have?



You could also draw a home for it!





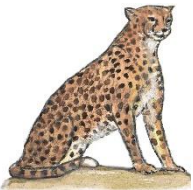
All animals, whether they live in the wild, captivity or as pets in our homes, need certain types of food to eat.



**Omnivores:** (pigs, hedgehogs, chickens and more...)

Omnivores get nutrients and energy from eating a diet containing plants, animals, algae and fungi. They have a large variety of food choices, and will eat what they can hunt and scavenge in their environment to make the most of what is available. If it looks edible, they'll give it a try!

Humans are also omnivores.

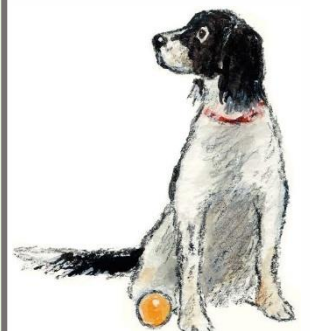


**Carnivores:** (cats/lions, toads, snakes, owls, wolves and more...)

Carnivores eat meat to get their nutrients and energy to survive. Meat is a high energy food source. Carnivores find their food through hunting or scavenging, and often have big claws and sharp teeth or beak. They need quick speed to their catch prey, whether on land, in the sky or in the sea.

**Dogs are a bit different:**

Dogs are related to wolves, which are carnivorous. But dogs also possess characteristics of an omnivore. They prefer meat, but they also like many other types of food.







**Herbivores:** (horses, rabbits, sheep and more...)

Herbivores only eat plants to get energy and nutrients. Most animals will eat the leaves and fruits of plants as these tend to be the more nutritious. Because plant vegetation is very hard to break down into energy, most herbivores have a specialised digestive system.



#### How a Cow Digests

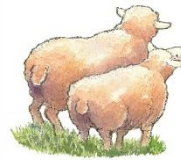
A cow chews grass, swallows it and then the food passes through two stomachs to be digested. It is then **regurgitated** (brought back up) to be re-chewed. This part-digested grass is called **cud**.

The cud is then swallowed into third and fourth stomachs where the nutrients are **absorbed** into the blood.

Herbivores graze for long periods throughout a day to gain as much energy as possible. You often see a herd of cows just standing around **chewing** the cud. Their **four** stomachs are working hard to get the most nutrition out of every mouthful.



### Food Facts Quiz



- 1) Humans are \_\_\_\_\_ as they eat plants and \_\_\_\_\_.
- 2) Some \_\_\_\_\_ have big claws and sharp teeth.
- 3) Carnivores have to \_\_\_\_\_ for their food.
- 4) Eagles have a sharp \_\_\_\_\_ to help them eat meat.
- 5) A cow chews and swallows grass, then it re\_\_\_\_\_ it and chews it again. This is called chewing the \_\_\_\_\_.
- 6) Cows have \_\_\_\_\_ stomachs.
- 7) Cows like to g\_\_\_\_\_ in the fields.



Sort these animals into herbivores and carnivores:

rabbit  
cow

cat  
wolf

sheep  
frog

cheetah  
caterpillar

deer  
snakes

eagle  
horse

Herbivores



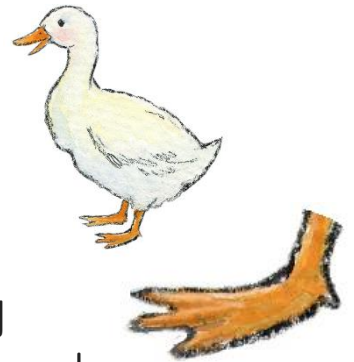
Carnivores

### Feet Facts!



#### Duck and Geese:

The most common type of webbed foot found in ducks, geese, swans, seagulls and other water (aquatic) birds, is known as **palmate**. Palmate means that **three toes** are completely webbed and this allows the birds to push forwards in water. However, only the three front toes are connected, while the fourth toe at the back is separate.



#### Pigs and Goats:



Most **even-toed ungulates** (such as sheep, goats, deer, cattle, and pigs) have a **cloven hoof** on each foot. This is a hoof split into two toes.



The hard, outer covering of the hoof is called the hoof wall, or **horn**, similar to the human fingernail.

Pigs hooves are often called trotters.

- 1) How many toes are webbed together in a palmate?
- 2) Where is a duck's fourth toe?
- 3) How many toes do goats have on each cloven hoof?
- 4) What are pigs' hooves often called?



### All About Goats



#### Goat Facts:

Goats were one of the first animals to be tamed by humans and were kept in herds around 9,000 years ago. There are over 210 different types of goats in the world.



#### Goat Families:

A male goat is called a billy, a female is a nanny and babies are called kids. They are sociable animals and can become depressed if they aren't able to live with other goats. Goats talk to each other by bleating, like sheep do.



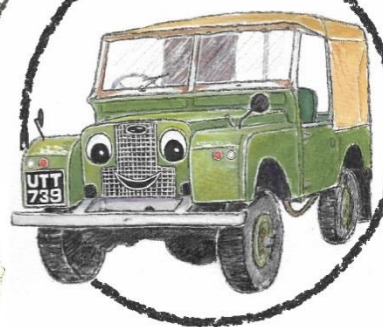
#### What do Goats look like?

Goats come with fur in different shades of white, brown and black. A lot of goats have horns, but nanny goats have smaller horns than billy goats. They all have beards.

Goats don't have upper teeth but instead, have strong gums and a very mobile upper lip that helps them to sort through spiny, thorny twigs to find plants' tender leaves.

Goats' eyes have rectangular pupils which allows them to see right around the sides of them. The problem with having rectangular pupils is that goats are unable to look up or down without moving their heads.

### All About Goats



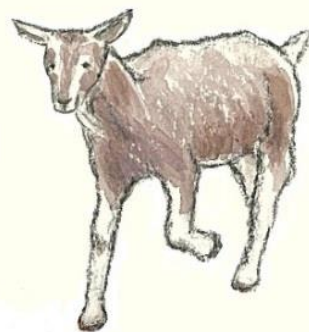
#### What do Goats Eat?



Goats have one stomach with four compartments which helps them digest tough food like grass and hay. They are foragers and eat many types of plants and grains. They also eat vegetables and fruit and nibble at shrubs and small trees.

#### What Goats Give us:

We mainly drink cow's milk here in the UK, but around the world, more people drink milk from goats than any other animal. Goats are also kept for meat.



Goat skins have been used for thousands of years for carrying water and make drum skins. They are also used for many other things like gloves and shoes.

Goats like to jump about in rocky places and some goats can even climb trees! Fences need to be strong and secure to keep goats in, as they are very clever at escaping!

These are goats' cloven hoof foot prints:

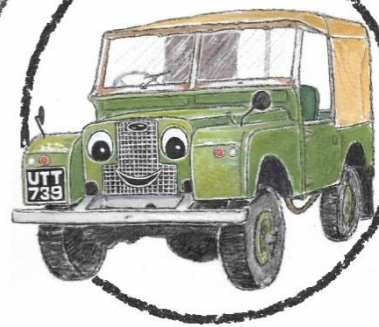




# Learning with Landy

## Farm Friends

Can you answer these questions?



1) There are over \_\_\_\_\_ different types of goats in the world.

2) What are goats called?

male: \_\_\_\_\_ female: \_\_\_\_\_ baby: \_\_\_\_\_

3) Goats talk by \_\_\_\_\_ to each other.

4) Some goats have \_\_\_\_\_ growing on their heads and all of them have \_\_\_\_\_ growing on their chins.



5) Goats don't have any:



fur



upper teeth



tails

6) Goats eye pupils are:



round



oval



rectangular

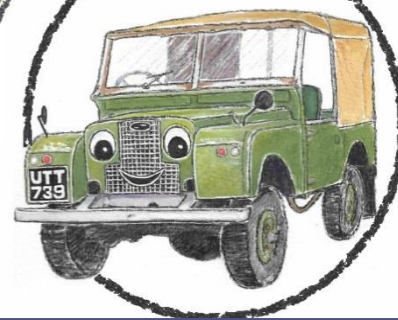
7) Name three things that goats like to eat:



# Learning with Landy

## Farm Friends

Can you answer these questions?



8) How many compartments does a goat's stomach have?

9) Most people in the world drink:

☐ cow milk

☐ goat milk

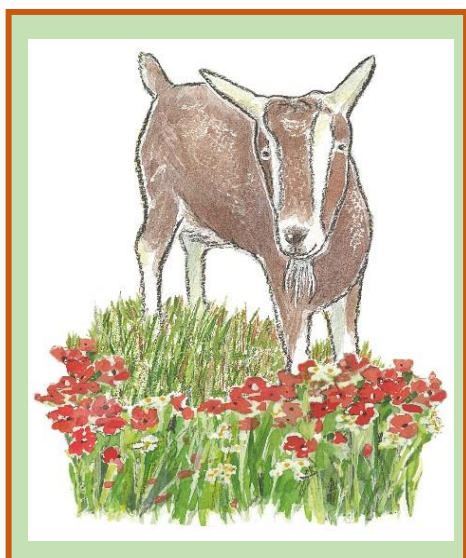
☐ buffalo milk

10) Goats like jumping on \_\_\_\_\_ and some goats can climb \_\_\_\_\_.



11) What type of hooves have goats got? \_\_\_\_\_.

12) You need a s\_\_\_\_\_ and secure \_\_\_\_\_ to stop goats \_\_\_\_\_.



### Interesting Fact About Goats:

Goats are burpers!

One of the compartments in a goat's stomach is called the **rumen** and it's here that their food ferments and let's off gas. They can burp once every minute!



### Feet Facts:

- 1) three
- 2) at the back of its foot
- 3) two
- 4) trotters

### Food Facts:

- 1) omnivores    meat
- 2) carnivores
- 3) hunt
- 4) beak
- 5) regurgitates    cud
- 6) four
- 7) graze

Herbivores:	rabbit	sheep	deer	cow	caterpillar	horse
Carnivores:	cat	cheetah	eagle	wolf	frog	snake

### Goats

- 1) 210
- 2) male: billy    female: nanny    baby: kid
- 3) bleating
- 4) horns    beards
- 5) upper teeth
- 6) rectangular
- 7) Any of: hay, grass, grains, fruit, leaves, shrubs, plants, trees or other things that you have found out yourself.
- 8) four
- 9) goat milk