HEALTHY EATING

LITTLE EXPLORERS

FOOD HISTORY

LIFT THE FLAPS TO EXPLORE **FABULOUS FOOD INSIDE AND OUT!**

DISHES FROM AROUND THE WORLD



WHERE OUR FOOD COMES FROM



CULTIVATING **CROPS**

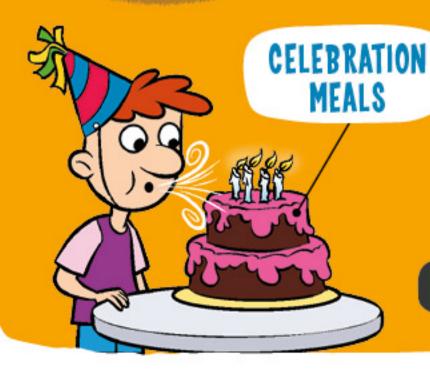
ALLERGIES AND INTOLERANCES

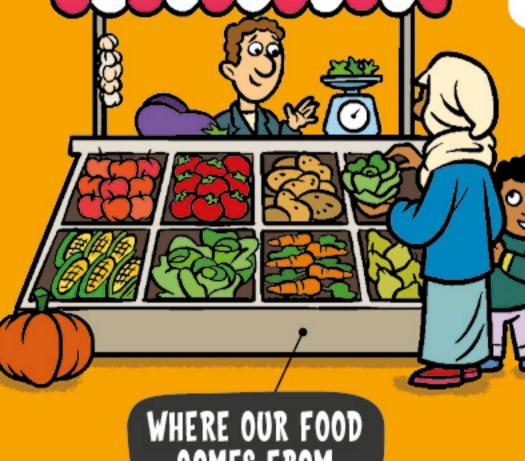






MORE THAN 30 FLAPS!





FABULOUS FOOD!

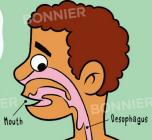
Food can be yummy in your tummy, but what is it really? Food is your body's fuel. It is the energy that helps you move, think and play. When you run out of fuel, you need to fill up! We all need food to live.

Nutrients

Nutrients are important things found in food. Your body needs them to grow and survive. Nutrients can be vitamins, minerals, carbohydrates, proteins, fats and water.

THE DIGESTION QUESTION

How does the food you eat turn into energy inside your body? And where does it go? This process is called digestion. Together, the parts of your body that help break down and use food are called the digestive system.



VITAMINS

Vitamins help your body work as it should. There are 13 known vitamins and they all have different jobs.

> Vitamin C is in fruits such as oranges. It helps keep you healthy.



Minerals are a lot like vitamins. They help the body work well.

> Iron is an important mineral found in meat and spinach.

PROTETNS

Proteins are like building

blocks that help your

body grow. They can be

found in eggs and beans.



Mouth

This is where it all starts. You take a bite and crush up food with your strong teeth. Munch, crunch, munch!



Food travels down,



Stomach Small intestine

CARBOHYDRATES

This is where a lot of your energy comes from. The body breaks down carbohydrates into a substance called glucose, which acts as fuel. Carbohydrates are found in foods such as potatoes and wholegrains.



I'm hungry!

Have you ever heard your stomach growl when you're hungry? This is a signal that your body needs more food! Your stomach also sends signals to the brain to tell you to eat.



Intestines

The slushy liquid moves through the intestines. Nutrients are absorbed into the bloodstream and taken to other parts of the body.

The stomach stores

food, mixing it with

acid and enzymes.



Large intestine

FATS

Fats can provide energy and help the body absorb important vitamins. Healthy fats can be found in foods such as nuts and fish.







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FOOD AND YOU

If you ate the same food every day, it could get pretty boring. And it wouldn't be good for you either! It's important to enjoy a mix of different types of food to stay healthy.

Food Groups

Scientists split food into different groups, depending on what it does for your body.

DIFFERENT DIETS

People around the world eat different types of food as part of their normal day. This is called their diet. There are all sorts of different diets. Here are just a few of them:



Vegetarian

Someone following a

vegetarian diet eats no

Did you know?

Humans are the only species on Earth that cooks their food. Animals and other living creatures just eat it as it comes





Omnivore

An omnivore eats meat

and plants as part of their

normal food routine.





Vegan

A vegan does not eat anything that comes from an animal at all. This includes meat, fish, milk, eggs and honey.







A pescatarian does does eat fish.

Try to drink six to eight Cups of water every day!

PROTEIN



Sugars

Sugary food like cake gives you lots of energy sometimes too much! While they are tasty, you shouldn't have too many of these foods at the same time.



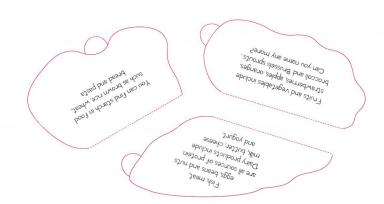


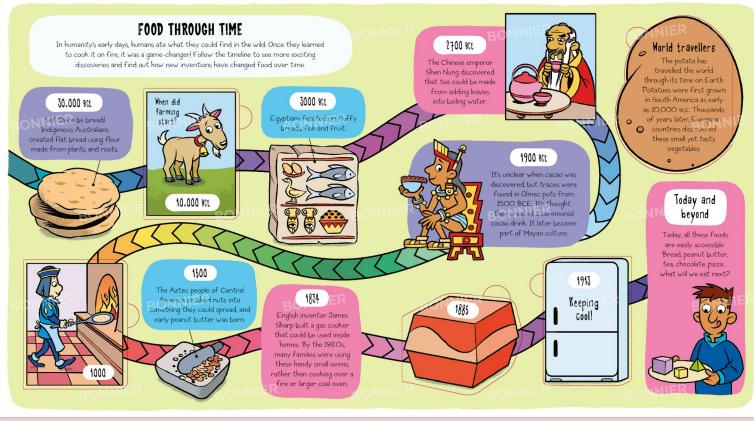
Pescatarians can also eat dairy, which includes milk and cheese. Vegans follow a plantbased diet. They find protein and other essential nutrients in food such as beans, tofu and pulses.

As well as fruit and vegetables, a balanced vegetarian diet contains grains, pulses, seeds and nuts.

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around the world.













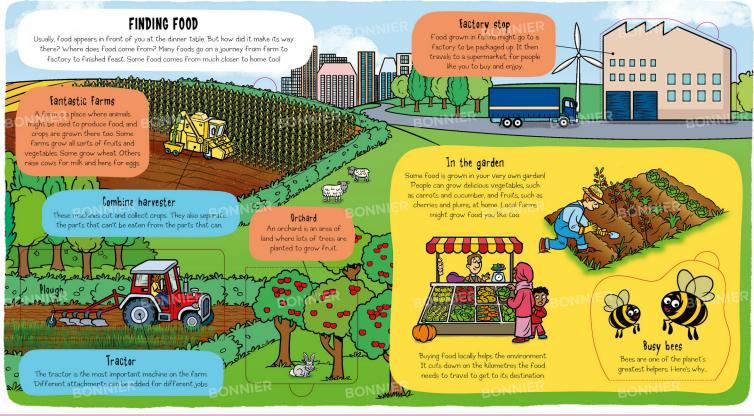
Now, potatoes are eaten across the world as chips, gnocchi, hash browns, rosti, croquettes, mash, soup and more! POTATO POWER!

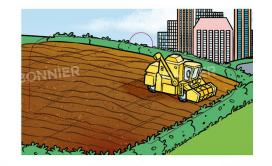
> In 1913, American Fred W. Wolf invented the first refrigerator that could be used in the house. This meant people could keep their food cool and fresh for longer.

Hamburgers became available in restaurants across the United States. Before buns were invented, they were eaten as a steak burger between slices of bread. About 10,000 years ago, people started using animals such as goats, sheep, chickens and cows on their own land. Early farming began to take off around the world, with people growing their own crops too.

The very first pizza was eaten as far back as the year 1000. That's over 1,000 years ago!

Today, pizza is more popular than ever and it comes served as everything from street food to gourmet - there's even dessert pizzal













Yees are pollinators, when they Visit plants to drink their sweet nectar, they collect pollen too. The pollen travels to other plants the bees land on and helps new seeds to grow. This is called fertilisation!

This is called fertilisation!

Apology is Steached behind a bridged of the control of the control

Some foods, such as boxed biscuits, are made in the factory itself, then sent out to shops.



AROUND THE WORLD

Today we can buy food from all around the world thanks to aeroplanes and boats that bring different ingredients to our country. But each country has its own specialities, which are often influenced by the seasons and what is available nearby.



The season reason

Many foods grow only during certain months of the year. For example, pears are picked in the autumn in the UK, When they are out of season other fruits are available fresh – such as strawberries in the summer!

Different delicacies

Places around the world have their own favourite foods and dishes. Here are just a few:



Coastal living

People who live along coasts often eat more fish than people who live inland. This is because seafood is more easily available to people beside the seal



Wet and dry

In ancient Egypt, people planned their planting around the wet and dry seasons For parts of the year, the area next to the river Nile flooded and couldn't be used at all. But after the water drained away, the soil was perfect for growing crops such as wheat, onions, fits and melons.





Western diets

The Western diet started in Europe and the United States. It is high in meats fats, salts and sugars, and low in Vegetables and whole grains.

Eastern diets

Many people in places such as India and Japan have an Eastern diet. These are much lower in meat and higher in spice and flavour. Vegetables such as aubergines and pak chaisme made into full dishes, rether blant sides.



























Soy sauce is the most commonly used seasoning in Japan. It is made from soybeans, wheat, water and salt.

Sushi is often served with soy sauce as a dip. Maple syrup, which is often used as a pancake topping oromes from the sticky sap of maple trees. In one year.

Canada can make enough maple syrup to fill RO full—sized syrup to still RO full—sized swimming pools!

On special occesions, Fijians enjoy a lovo meals. Fish, meat and vegetables wrapped in banana leaves, cooked in an underground oven. Keryans and other East Africans enjoy a spiced greens dish called sukuma wiki. Its name is based on the Swahii paraw 'stretch the week'. Not expensive to prepare, it can feed families all week long

h illed or piain sweet buns shaped like seashells are sold in Mexico. They are called conchas.

Breakfast in Japan might include steamed rice, miso soup, a protein such as grilled fish and a side such as dried seaweed or soybeans.

A typical English breakfast includes sausages, bacon, eggs, mushrooms, grilled tomatoes, toast and baked beans. Dig in!

Once the crops were ready, the

Egyptians picked them and stored them in large quantities, ready to get them

through the flood season again.

LET'S CELEBRATE!

Although food is important for our survival, it has become so much more than that. It is something that we enjoy. Food has even become a big part of many celebrations around the world.

Diwali

Diwali is a festival of lights celebrated by Hindus, Sikhs and Jains. Special meals are eaten throughout the five days of the festival.



Lunar New Year

The beginning of a new lunar year is celebrated with food that is said to bring luck, health and happiness.



PassovermieR

The Jewish festival of Passover is celebrated in early spring. During the eight days of the festival, people do not eat anything made with chametz-food mixed with a grain that makes bread rise.



Thanksgiving

In the United States, Thanksgiving is a day to give thanks for the good things in your life.



But it has also become a day to celebrate with lots of food. Turkey, stuffing, potatoes... and don't forget the pie for dessert!

Eid al-Fitr

During the holy month of Ramadan,
Muslims around the world do not eat during
daylight hours. To celebrate this month
coming to an end, they have a feast!



Day of the Dead

In Mexico, the Day of the Dead is a time to honour and celebrate loved ones who aren't around any more. It is full of joy – and delicious food



Happy birthday!

People celebrate birthdays in different ways around the world. In many countries, there are birthday cakes with candles to blow out. Other

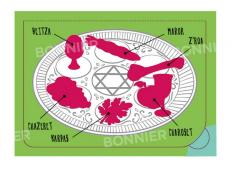
countries such as Russia have a birthday pie. In Ghana, birthday feasts include spiced rice, beans and doughy balls called fufu, made from boiled cassava root, yams or other starches

In Cuba and Mexico, people burst open a treat-filled piñata.













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What's cooking?

Skulls made out of sugar, called calaveras, honour the souls of loved ones. They are decorated with bright colours.

What's cooking?

During Ramadar, Muslims usually eat a full breakfast early in the morning, before the Sun comes up. This is called sehri or suboor, depending on the country.

A feast called Seder takes place near the beginning of Passover. Every item on the plate (called a Kasnah) has a special meaning in the story behind Passover.

Traditionally, the six items are:

Marcor — A bitter herb (offen horseradish)

Zros — A roseted lamb slank bone

Chascret — A sweet paste made from fruit and nuts

Chascret — A seveet paste made from fruit and nuts

Karpas — A green vegetable (often parsley)

Beitza — A green vegetable (often parsley)

What's cooking?

In Korea, yaksik isa sweet nice chorit innah fared thruit anda choris in in same alter one of its main ingredients – honey, which was past.

What's cooking?

Sweets called mithai might be made of a mix of grains, vegetables, milk or yogurt, nuts, sugar and spices, with delicate decorations to finish them off.

NOT FOR ME!

Some people's bodies can become sensitive to certain foods. Their bodies react to try to get the food out of their system.

Which foods cause an allergic reaction?

Different people can react to different things. Some common foods that can cause allergies are:

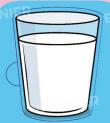






Allergies

With an allergic reaction, the body flights the footh thinking its an introden. The person might get a rash runny nose, itchy eyes and a swollen tongue. In very serious cases, the person might have trouble breathing.



Intolerances

Sometimes a person's body isn't able to break down certain foods. These are called food intolerances. They can cause bad tummies and runny poo.

FOOD PROBLEMS

The production of food can have an impact on our planet. With more and more people in the world, there are lots of tricky challenges to make food that feeds everyone but keeps the planet healthy at the same time.



The plastic problem

Plastic packaging is everywhere. After a food or drink has been enjoyed, the plastic ends up in bins, landfills or as litter on the ground. Some plastic even makes its way to oceans, where it can harm sea creatures, who might get tangled in it or eat it.





Gone to waste

Over one third of the food produced around the world is wasted! And yet, millions of people do not have enough food to eat.

Got gas?

Animals on farms eat lots of grass. They then burp out lots of gas! This gas, called methane, gas floats into Earth's atmosphere and causes Earth to heat up faster than it should











to help reduce waste at the supermarket. . Buy funny-shaped fruit and Vegetables

> recycling point near you. packaging, take it to a suitable . If you buy foods in soft plastic

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· Ask your parents to buy only what

. Use up leftover food.

Next time you buy food in plastic packaging, think about where it goes. Plastic can stick around for hundreds of years on Earth. It takes that long to break down naturally. See if any shops near you can help you recycle it.

More people are intolerant to lactose, a sugar found in cow's milk, in East Asia than in Europe and North America. This is because they haven't been drinking it as long, so their bodies aren't used to dealing with it.

to soy sauce and even some ice creams. Wheat is found in everything from bread Mheat

Shellfish osters shring and prawns

Soy

Many dairy and meat replacements, such as tofu and vegan yogurt, contain soy.

Muts or traces of nots are found in unexpected paces such as chocolate, energy bars and chackers

stabbun nadalets. se your pool baratted bne includes cake or brownies Food that contains egg

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THE FUTURE OF FOOD

The ways of growing and preparing food are constantly changing. What will food be like in the future? Here are just a few things that might be different in the years to come.



Out of this world

If there isn't enough land for farming on Earth, where can we go? How about all the way to space! Scientists have discovered that the soil on Mars could be good for growing crops. Greenhouses could be built to protect them

Plant power

More and more people are turning to a diet without any meat in it. This is better for the environment Food is being developed that looks and feels like meat, but is totally plant based!

Insect delights

In some parts of the world, insects and grubs are sometimes part of a meal. These tasty treats are now spreading as a replacement to meat. Creatures such as crickets and worms are likely to enter more people's diets in the future.





What else?

What other foods might make a move into more diets in the future? Many are cutting down on meat or processed food and opting for plant-based diets, which are more sustainable.



Seaweed Seaweed

Perfect packaging

Would you ever eat your crisp packet?
Not now, but you might be able to in the
future! New packaging could be made of
food such as seaweed. This way it can be
eaten or broken down into the soil, with no
rubbish left to pollute the planet at all!



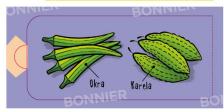
The new fast food

What if you could cook up whatever you wanted – without having it in the fridge? In the future, there might be machines that can produce food with the touch of a button. Can you imagine a 3D food printer in your home? May









In Thailand and China, you can eat deep-fried scorpions. In Colombia, ant's known as leaf-cutter ant's are served as a toasted anack.

In Cambodia, Mexico and Thailand, crickets are eaten boiled, fried or roasted.

Astronauts are already growing food in space – on the International Space Station! They have grown lettuce, cabbage, chilli peppers and more.

There are 300,000 different plant species that we can eat. So far humans have tasted only about 200 of them! Vegetables such as okra and karela are full of nutrients that are good for your body.