

British Science Week 2020

What Is British Science Week?

British Science Week takes place every year. Science Week celebrates science, maths and technology. Science is very important as it helps us make new things and understand the world around us.

In 2020, Science Week starts on 6th March and ends on 15th March. The theme for this year is '**Our Diverse Planet**'.



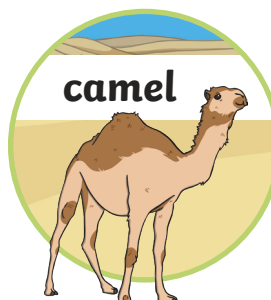
Our Diverse Planet

Diverse means having a lot of differences. Our planet Earth is diverse in its places, people, animals and plants.

Plants and animals come in all shapes and sizes. They have special things to help them to survive.

Think about how these plants and animals survive in the places they live.

Plants and Animals



Questions

1. How often does British Science Week take place? Tick one.
 - ☐ every day
 - ☐ every week
 - ☐ every year

2. Science helps us to.... Tick one.
 - ☐ understand the world around us
 - ☐ count to over 100
 - ☐ learn how to spell our friend's names

3. What is the theme for British Science Week 2020? Tick one.
 - ☐ science
 - ☐ our diverse planet
 - ☐ people and places

4. What does diverse mean? Tick one.
 - ☐ things are all the same
 - ☐ the opposite
 - ☐ a lot of differences

5. Which **two** plants and animals live in hot environments? Tick **two**.
 - ☐ a cactus
 - ☐ a penguin
 - ☐ a camel

Answers

1. How often does British Science Week take place? Tick one.
 - ☐ every day
 - ☐ every week
 - ☒ **every year**

2. Science helps us to.... Tick one.
 - ☒ **understand the world around us**
 - ☐ count to over 100
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3. What is the theme for British Science Week 2020? Tick one.
 - ☐ science
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5. Which **two** plants and animals live in hot environments? Tick **two**.
 - ☒ **a cactus**
 - ☐ a penguin
 - ☒ **a camel**

British Science Week 2020

What Is British Science Week?

British Science Week happens every year and lasts for ten days. Science Week celebrates science, maths and technology and people take part in lots of events. Science is very important as it helps us create new ideas and things. It also helps us to understand the world around us.

In 2020, Science Week starts on 6th March and ends on 15th March. The theme for this year is '**Our Diverse Planet**' and young people are being encouraged to find out more about it.



Our Diverse Planet

Diverse means a lot of variety or differences. Our planet Earth is very diverse. It has lots of variety in places, animals, plants and people. These plants and animals are all so different but adapted to the place they live. This helps them to survive.

tiger



Tigers have stripes which help them to blend into the jungle leaves as they hunt for their prey.

Penguins often huddle together to help to keep them warm.

penguin



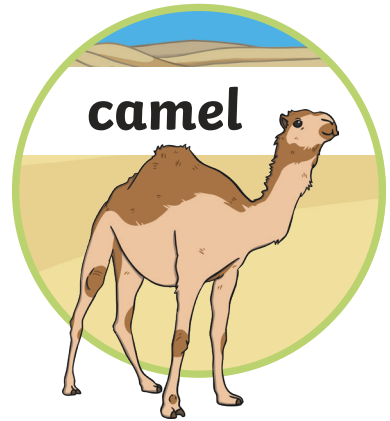
chameleon



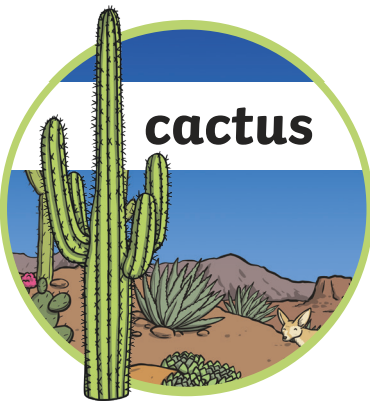
The chameleon is known for changing colour to blend into its surroundings.

Camels have thick eyelashes to keep sand out of their eyes and can go more than a week without water.

camel



cactus



A cactus is able to grow in very hot places by storing water for a long time.

Sunflowers turn towards the sun which helps them to grow.

sunflower



Questions

1. Tick **two** subjects that British Science Week celebrates?

- ☐ science
- ☐ technology
- ☐ history

2. What is the theme for British Science Week 2020? Tick one.

- ☐ science
- ☐ our diverse planet
- ☐ people and places

3. When does British Science Week 2020 end? Tick one.

- ☐ 15th March
- ☐ 20th March
- ☐ 6th March

4. Which animal protects its eyes with thick eyelashes?

5. How do a tiger's stripes help it to hunt for prey?

Answers

1. Tick **two** subjects that British Science Week celebrates?

- ☒ **science**
- ☒ **technology**
- ☐ history

2. What is the theme for British Science Week 2020? Tick one.

- ☐ science
- ☒ **our diverse planet**
- ☐ people and places

3. When does British Science Week 2020 end? Tick one.

- ☒ **15th March**
- ☐ 20th March
- ☐ 6th March

4. Which animal protects its eyes with thick eyelashes?

Camels have thick eyelashes to protect their eyes from sand.

5. How do a tiger's stripes help it to hunt for prey?

A tiger's stripes help it to hunt for prey by blending into the jungle leaves around it.

British Science Week 2020

What Is British Science Week?

British Science Week happens every year and lasts for about ten days. Science Week celebrates science, maths and technology and people take part in lots of events.

In 2020, Science Week starts on 6th March and ends on 15th March. The theme for this year is '**Our Diverse Planet**' and young people are being encouraged to explore and investigate.



Our Diverse Planet

The word diverse or diversity means a wide variety or a lot of differences. Our planet Earth is very diverse in lots of ways. It has diversity in habitats, animals, plants and people. Scientists sometimes use the word adaptations to describe how people, animals and plants are made or changed to survive in the place they live.

Animal Adaptations

Animals such as hamsters avoid their predators by being nocturnal. This means they come out at night and have excellent senses to help them to survive. Some animals such as bats hibernate during the winter months. This helps them to save energy when food is difficult to find.



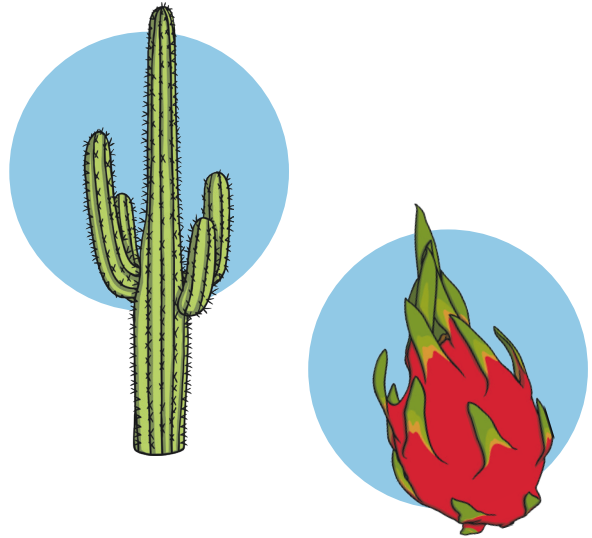
Camels are experts at living in very hot temperatures. They have thick hair on top to protect them from the sun and thin hair elsewhere to keep them cool. They can drink large amounts of water. This means they can survive for a week or more without having another drink.



Plant Adaptations

The cactus can also survive in hot habitats such as the desert. They are able to store water for a long time and have long roots.

Most flowers open their petals during the day, sometimes to attract insects, and close them during the night for protection.



Did you know...?

The cactus can live for over a year without any rain and the largest type of cactus plant can grow to be over 20 metres tall.

Questions

1. Fill in the missing words:

Science Week celebrates _____ , _____ and _____ and people take part in lots of events.

2. What is the theme for British Science Week 2020? Tick one.

- ☐ the science world
- ☐ our diverse planet
- ☐ people and places

3. When is British Science Week 2020?

4.

camel

excellent senses to help find their way around at night

hamster

able to store water and has long roots

cactus

thick hair on top to protect them from the sun

5. How does a cactus survive in a hot habitat such as the desert?

6. What would you like to investigate during Science Week? Why?

Answers

1. Fill in the missing words:

Science Week celebrates **science**, **maths** and **technology** and people take part in lots of events.

2. What is the theme for British Science Week 2020? Tick one.

- ☐ the science world
- ☒ **our diverse planet**
- ☐ people and places

3. When is British Science Week 2020?

British Science Week is from 6th March to 15th March.

4.

camel	•	•	excellent senses to help find their way around at night
hamster	•	•	able to store water and has long roots
cactus	•	•	thick hair on top to protect them from the sun

5. How does a cactus survive in a hot habitat such as the desert?

A cactus can survive in the desert because they are able to store water for a long time.

6. What would you like to investigate during Science Week? Why?

Pupil's own response, such as: I would like to find out about how animals survive in cold habitats because I think it is amazing that polar bears can live in the Arctic.