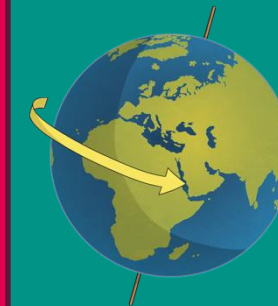
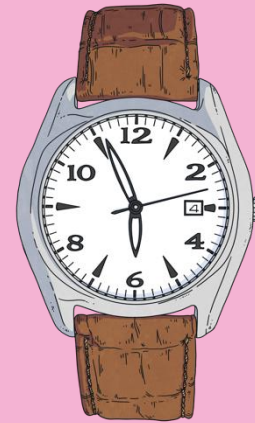
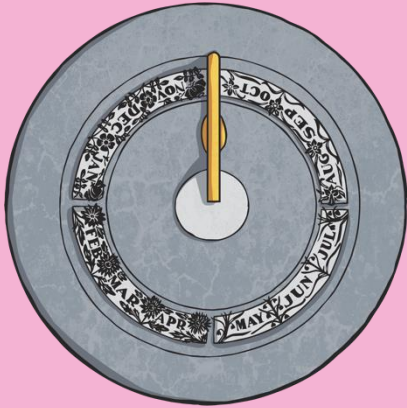
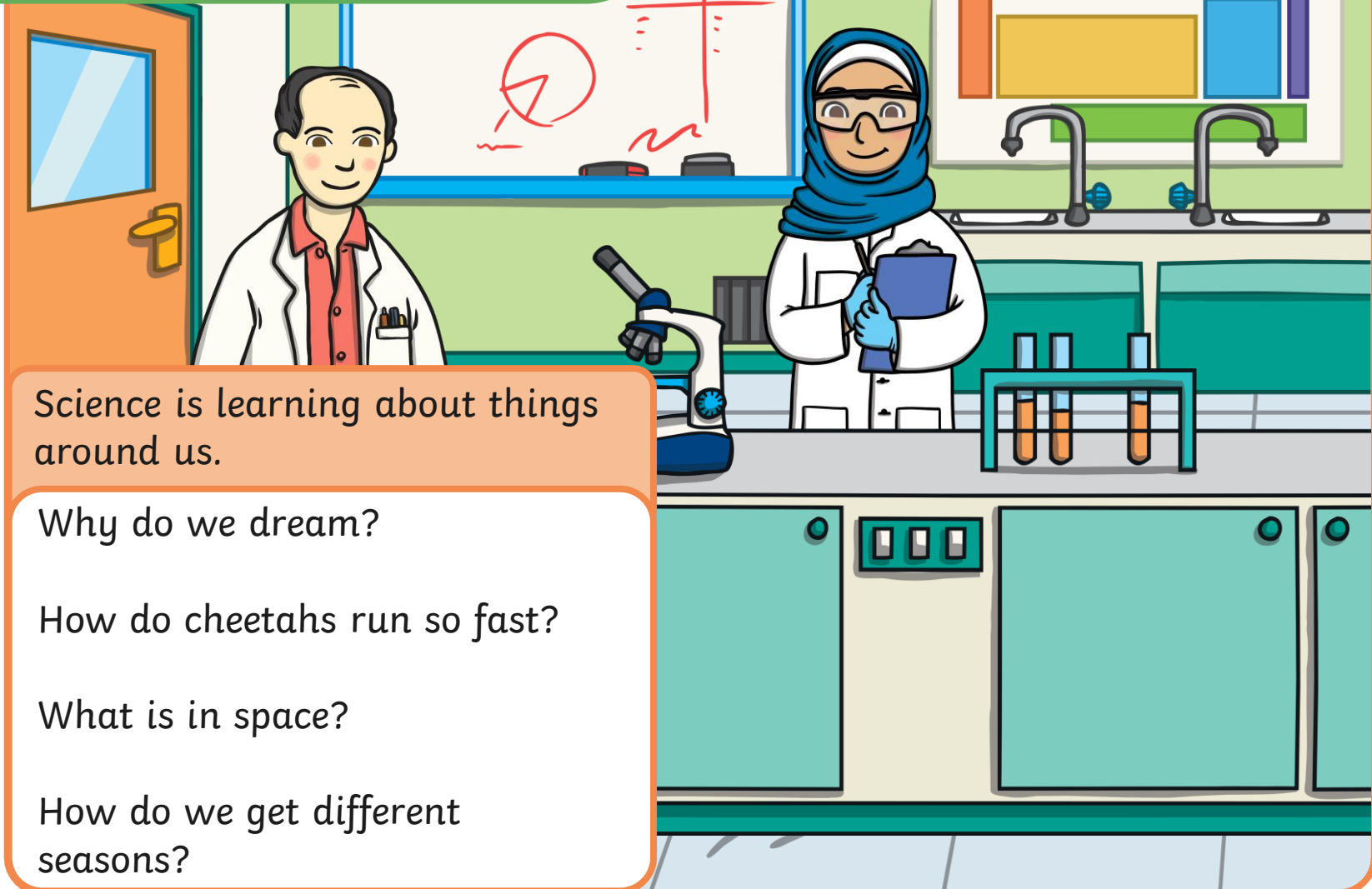


British Science Week

8th - 17th March 2024



What Is Science?



Science is learning about things around us.

Why do we dream?

How do cheetahs run so fast?

What is in space?

How do we get different seasons?

British Science Week 2024

British Science Week is from 8th March to 17th March.

It is a time to celebrate everything about science.

This year, British Science Week will have been celebrated for 30 years!
The theme for this year is **Time**.



What links to time can you see in these pictures?

Think About It

These pictures are connected because they all show activities in our daily routines.

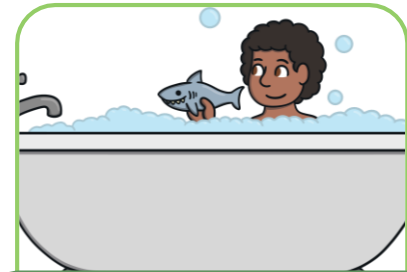
What time of day do you think it might be in each of these pictures?



morning –
brushing hair



morning –
walking to school



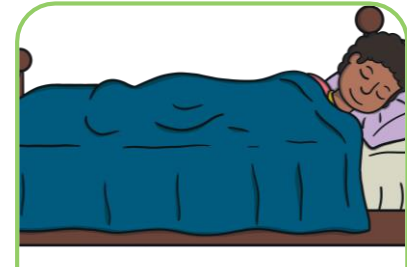
evening – having
a bath



morning – eating
breakfast



lunchtime –
playing outside



night time – going
to bed

Think About It

Can you identify the season in each picture?



spring



summer



autumn



winter

Life Cycles

These are the stages of a frog's life cycle, in time order.
Can you match the correct picture to each stage?

1. frogspawn

2. develops into a tadpole

3. grows external gills for breathing

4. starts to grow back legs

5. grows front legs

6. tail shrinks, now an adult frog



Time in the World around Us

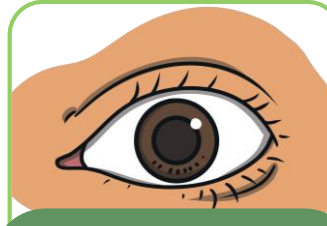
Can you put these events in order of the time you think they take, from the shortest time to the longest time?



a flight from
London to
New York



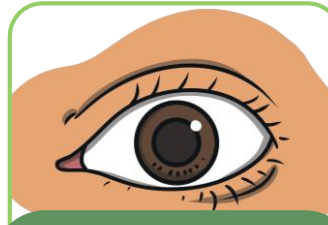
a hedgehog
hibernating
for winter



your eyes
blinking 20
times



walking
around the
world



your eyes
blinking 20
times



a flight from
London to
New York



a hedgehog
hibernating
for winter



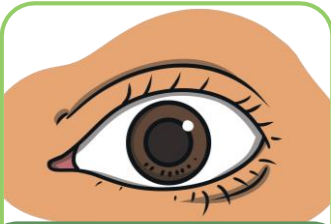
walking
around the
world

shortest

longest

Time in the World around Us

Can you estimate how long each activity takes?



about one
minute



7-8 hours
(depending
on wind)



4-6 months
(on average)



on average,
690 days
(nearly 2
years),
walking for
12 hours a
day

shortest

longest

Telling the Time

What do people use to tell the time?
How we tell the time has changed throughout history. Do you know what any of these objects are?

Sundials use the position of shadows to tell the time of day.



A **grandfather clock** is a large standing clock that has a swinging pendulum inside.

This famous clock in London is known as **Big Ben**. 'Big Ben' is actually the name of the bell in the clock tower.



Smart watches can often make calls, send messages and track your heart rate.



The **pocket watch** was invented in 1510.



We Are Scientists



Look carefully at things around you.

Look for patterns or changes. Many scientists discover things by working together **over time**.

What can you learn about that is connected to time?

You can be a scientist too!

Over to You!

Monday 11th March 2024

Each class will have a Science Day.



You will all be investigating and experimenting.

We will all visit each class on different days at 2:15pm.



When we come to visit your class, you will need to deliver a presentation about your science experiment and results.



Plan for the Week:



Monday – Dragon Class



Tuesday – Werewolf Class



Wednesday – Vampire Class at Heathlands School



Thursday – Unicorn and Mermaid Classes

Friday – Vampire Class



Over to You!

Science Experiments with Time

Dragon Class = Seasons

Werewolf Class = Melting Ice

Unicorn Class = Sand Timers

Mermaid Class = Growing

Vampire Class = Melting Chocolate

Vampire Class = Fabric Absorption

Monday 11th March 2024

Science Experiments with Time

Dragon Class = Seasons



Tuesday 12th March 2024

Science Experiments with Time

Werewolf Class = Melting Ice



Wednesday 13th March 2024

Science Experiments with Time

Vampire Class collaboration with Heathlands School



Thursday 14th March 2024

Science Experiments with Time

Unicorn Class = Sand Timers



Thursday 14th March 2024

Science Experiments with Time

Mermaid Class = Growing



Friday 15th March 2024

Science Experiments with Time

Vampire Class = Melting Chocolate



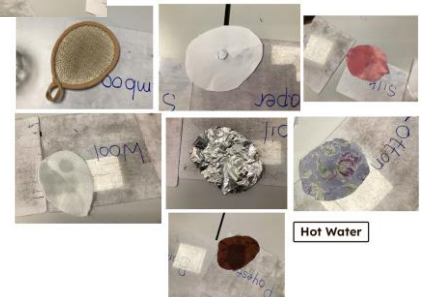
Friday 15th March 2024

Science Experiments with Time

Vampire Class = Fabric Absorption



Cold Water



Hot Water

Feedback!

Science Experiments with Time

We asked everyone to share feedback on the week:

Year 1 Pupil – “I want more science lessons.”

Year 6 Pupil – “I feel confident at science and I am proud of our presentation”.

Year 4 Pupil – “It was exciting!”

Year 6 Pupil – “I learnt new things”.

Year 1 Pupil – “I was nervous doing the presentation but now I am more confident”.

Year 3 Pupil – “Science is the best!”