

Weather in summer



Science

Unit: Seasonal changes: spring and summer

Outcome

Learning Objective: To be able to count in coins

Success Criteria:

Step 1 challenge (One idea)

I can count in 2s

Step 2 challenge (Multiple Ideas)

I can use my timetable knowledge to count in coins with support

Step 3 challenge (Linking Ideas)

I can use my timetable knowledge to coin in coins independently

Step 4 challenge (Applying Ideas)

I can use my knowledge of a colour of a coin to determine which coins it may be. E.g, a silver coin may be a 5p or a 10p

SELF ASSESSMENT



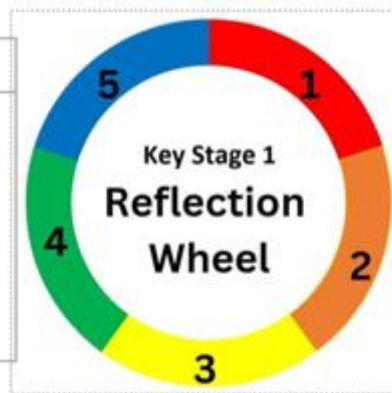
I understand the learning today.



I do not completely understand the learning today.



I do not understand and need some help.



Keywords

weather

Weather is what the conditions are like in a particular place at a particular time. For example, rain, wind or sun.

season

Seasons are periods of similar weather. In the UK there are four seasons (spring, summer, autumn and winter).

summer

Summer is the season after spring and before autumn.

temperature

Temperature is how hot or cold something is.

thermometer

A thermometer is a piece of equipment for measuring temperature.



Lesson outline

Weather in summer



Weather in summer



High temperatures in summer



Weather in summer



Explanation



Laura and Lucas have noticed that the **weather** changes over time.



cloud in April



sunshine in August



rain in November

Why do you think this is?



I think each month of the year has different weather.



Laura

I think the weather is different in each season. Let's look at the photographs again and I will show you.



Lucas



Lucas describes the **weather** in **season** of spring.



spring

The weather in spring is often mixed. It can be cold, windy, rainy but also sometimes sunny and warm!



Lucas

What weather do you observe in this photograph?



Lucas describes the **weather** in **season** of winter.



winter

The weather in winter can be cold, windy and rainy. Sometimes it is sunny but we may also see fog, frost or even snow.



Lucas

What weather do you observe in this photograph?



The weather is often different in each season.



I see now, so the weather is different in each season, not every month.

Laura



Yes, the year is split into four seasons and we often have different weather in each one.

Lucas



Who do you agree with?



The weather is the same in every season.

Aisha



It never rains in summer.

Sam



The weather is often different in each season. ✓

Alex



It is the last day of term in July. The children are preparing for the end of Year 1 party.



calendar

Which **season** is July in?

In July, it is **summer**.



Lucas is helping to prepare for the party on the school field. He observes the **weather**.



school field

It is really hot at school today. The weather is very sunny and the sky looks blue.



Lucas



Summer comes after spring and the **weather** turns warmer. Summer is usually the warmest **season**.



sunny weather

If we have lots of very hot days in a row, this is called a heatwave.



Lucas



Although **summer** is usually the warmest **season**, the weather is not always warm and sunny. It can be cloudy, cool and rainy.



cloudy weather

Even though it is summer,
the weather is cool so I am
wearing a jumper today.



Lucas

What is the weather like where you are today?



Laura shows Lucas the **weather** board she uses to describe the weather each day.



sunny



cloudy



rainy



stormy

Which weather do you think each picture shows?



Laura



The children are talking about what the **weather** might be like on the day of the party.



Aisha

We have had a little bit of rain this week but it has mainly been sunny. I think that the weather for our party tomorrow will be sunny too.

When we try to guess or predict the weather, it is called a forecast.



Lucas

What have you noticed about the weather where you are. Can you try to forecast tomorrow's weather?



True or false?

Summer is the coldest season.

T True

F False ✓

I think this because ...

a the weather is often warmest in summer. ✓

b there are four seasons in one year.



Weather in summer



Check

Who do you agree with?

In summer the weather is often hot and sunny. ✓



Aisha

In summer the weather is often frosty and icy.



Sam

In summer the weather is always windy and rainy.



Alex



Lesson outline

Weather in summer



Weather in summer



High temperatures in summer



Izzy helps Lucas to prepare for the end of term **summer** party.



school field in summer

The **weather** feels really hot today. I was so warm that I am wearing my shorts instead of trousers.



Izzy



Izzy knows the **weather** is hot because she feels very warm and the heat is making her sweat.

I am very sweaty and I feel like I need to drink some water to cool down.



Izzy



Laura comes to help with Izzy and Lucas outside.

The **weather** is so hot today that I need to stay in the shade. My face looks very red because I am feeling too warm.



Laura



Laura and Izzy notice that the ground looks different in the hot **weather**.



Laura

The ground is very dry because it has been hot and there hasn't been much rain. Some of the grass has died and the soil is cracked because it's so dry.



dry ground



High temperatures in summer

Laura and Izzy go back into the classroom.



Izzy

It's cooler inside
because we have a fan
on to help us to stay
cool.



electric fan

How do you keep cool when the **weather** is hot?



High temperatures in summer

How can Izzy check how hot it is in **summer**?



weather in summer

Izzy can measure the **temperature**.

What can she use to do this?



Izzy



Izzy can use a **thermometer** to measure the **temperature**.



thermometer outside

Do you know how to use a thermometer?



What do we mean by the temperature of something?

a How bright or dark something is.

b How hot or cold something is.



c How big or small something is.

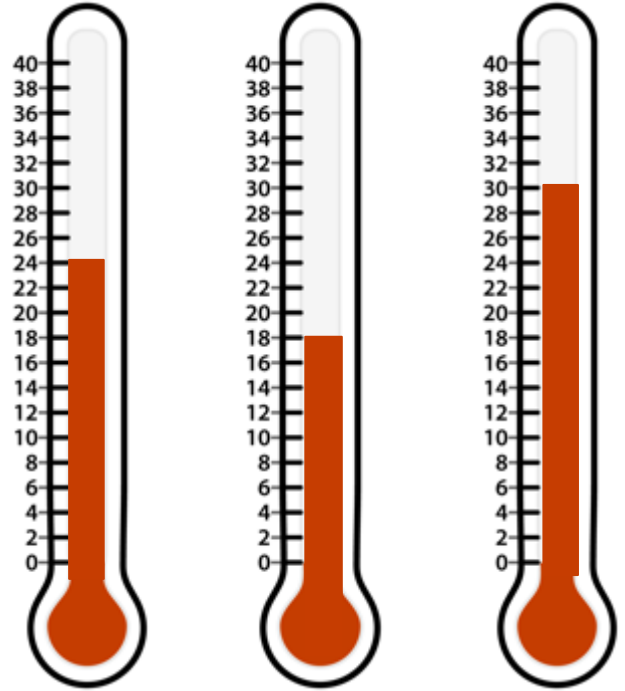


High temperatures in summer

A **thermometer** has numbers on it.

We can read the number next to the top of a coloured line which tells us what the **temperature** is.

The higher the number, the hotter something is.



thermometers showing different temperatures





car thermometer

Some cars have **thermometers** that tell us the **temperature** outside.



digital thermometer

Some thermometers look a bit like a digital clock. They have a number on them which tells us the temperature.



High temperatures in summer

We can use a **thermometer** to measure the **temperature** of the **weather** in different **seasons**.



thermometer in hot weather



High temperatures in summer



Check

What do we use to measure temperature?



a thermometer



an electric fan



a clock



Your task

Create a colourful "Stay Safe in the Sun" poster. Draw the items you need to stay safe in the sun, and add a label or sentence to each one. E.g. You must wear a Sun hat.



Task 2:

2. Research the weather for the upcoming week and record on the table below.

summer	Monday	Tuesday	Wednesday	Thursday	Friday
draw					
write					



Task 3:

Answer the exit quiz questions

Weather in summer

1 When is the season of summer? (Tick 1 correct answer)

- ☐ After spring and before autumn.
- ☐ After autumn and before spring.
- ☐ After autumn and before winter.

2 Which word describes how hot or cold something is? (Tick 1 correct answer)

- ☐ observe
- ☐ temperature
- ☐ season

3 What do we use to measure temperature? (Tick 1 correct answer)

☐

a thermometer

☐

a ruler

☐

a book about weather

4 True or false? The weather is often frosty and snowy in summer.

5 Sofia notices that the weather is frosty in winter and hot in summer. Why is this? (Tick 1 correct answer)

- ☐ The weather changes in each season.
- ☐ The weather stays the same in each season.
- ☐ It always snows in winter.

Summary Weather in summer

The weather is often different in each season.

Summer is the warmest season in the UK.

Temperature is how hot or cold something is.

A thermometer can be used to measure the temperature of different seasons.



flowers in summer



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