

# APPLES OF THE BRITISH ISLES

Learn about the huge range of apple varieties that grow all around the British Isles with this classroom-based lesson plan



## LEARNING OUTCOMES

### KS2 Science

- Explore the requirements of plants for life and growth (air, light, water, nutrients from soil, and room to grow) and how they vary from plant to plant
- Recognise that soils are made from rocks and organic matter

### KS 2 Geography

- Identify seasonal and daily weather patterns in the United Kingdom and the location of hot and cold areas of the world in relation to the Equator and the North and South Poles
- Use world maps, atlases and globes to identify the United Kingdom and its countries, as well as the countries, continents and oceans studied at this key stage
- Describe and understand key aspects of physical geography, including climate zones
- Use simple compass directions (north, south, east and west) and locational and directional language [for example, near and far, left and right], to describe the location of features and routes on a map
- Name and locate counties and cities of the United Kingdom

## RESOURCES

- Large maps of the British Isles clearly showing the counties like this:  
[http://www.stanfords.co.uk/Great-Britain-Northern-Ireland-Counties-Unitary-Authorities-A-Z-Wall-Map-PAPER\\_XL00000052952](http://www.stanfords.co.uk/Great-Britain-Northern-Ireland-Counties-Unitary-Authorities-A-Z-Wall-Map-PAPER_XL00000052952)
- List of UK varieties with clear place name in name (i.e. Flower of Kent, Herefordshire Russet) to cut out & corresponding info sheet detailing which county each variety is from (included with this resource)

- A range of single variety apple juices to sample (sweet, medium, sharp). Single variety juices can be found in farmers markets, specialist wholefood shops and increasingly in supermarkets. At the time of writing Duskins, James White and Chegworth Valley are all brands that do single variety juices that are commonly available
- Small cups
- Several apples with their labels on detailing the country of origin (pupils could be asked to bring these in on the day)
- Common Ground Apple map (optional – pictured above – a beautiful, artistic map of the British Isles showing regional apple heritage including local varieties).  
<https://www.commonground.org.uk/shop/apple-map-poster/>

## INTRODUCTION – PLANTS AND PLACES (10 MINS)

### ● What do plants need?

What do plants need to live? Do all plants have the same needs (cactus vs water lily)? Are the growing conditions (temperature, rain fall, soil type) the same in different countries around the world? Are there many forests in the Arctic or in the Sahara? Why not?

*Different parts of the world differ in their average temperature, amount of sun & rain depending on their climate. They have different soil types depending on their geography and underlying bedrock. This means that different parts of the world have different types of plants that have adapted to those conditions.*

### ● Where are Scotland, England and Wales on the map?

Where are Scotland, England, Wales and Northern Ireland on the map? Where are North, East, South and West on the map? Which country in the British Isles is east of Wales? Which country is North of England?

### ● Are the growing conditions the same in London and Scotland?

*Even over a smaller geographical area there can be great variety in the long term weather pattern or climate and soil type.*

### ● The countries of the British Isles are split further into smaller geographical areas - does anyone know the word for these?

*Explain that the UK is further split into smaller regions counties – ask them to identify which county their school is in. Have them identify where Scotland, England and Wales and indicate where North, East, South and West are.*

## FIND WHERE THE APPLE IS FROM ON A WORLD MAP (10 MIN)

### ● Which country are these apples from?

*Find the country on the different apple labels and place either the label or the whole apple on the correct country on the map. Most apples bought and eaten in the UK have been imported from countries far away like these, even though they grow well here.*

## MATCH THE BRITISH APPLES TO THE LOCATION IN THEIR NAME (25 MINS)

See which group can match all the apple names to their place of origin in the UK

 Did you know you could eat a different variety of British apple every day for over six years?! Can you name any British apples?

*Most different regions or counties have their own apple varieties. Some apples are named after people, like 'James Grieve' or 'Katy', others are named after an event, like 'Discovery' or 'Royal Gala'. Others have funny names that may relate to their appearance, like 'Catshead' or 'Pigs Snout'! Many, however, are named after the place in which they were found or grown, so the clue about where it is from is in its name, like all the ones you have here.*

 Look at the different apple names – they are all named after different counties or places in the British isles – can you find the place and put the apple name in the right place on the UK map?

*Use the information provided to locate the counties from which each apple is from and put the apple name onto that region. The county can be found in the apple name or in the description in the table provided at the end of this resource. Once complete, allow them to explore the Apple Map from Common Ground.*

## APPLE JUICE TASTING SESSION (15 MINS)

Talk about the different juice that have been brought in, find their origin on the map, and let them sample each and use descriptive words to describe their flavour

*Different apples have different unique flavours and characteristics. Each of these juices is from a different apple variety in the UK. Taste the juice and describe how it tastes and feels. Share this with the classroom.*

## TIME TO RECAP (5 MINS)

*What have we learned today?*

What do plants need to grow?

How do weather and temperature vary in relation to the equator?

What do we call the different regions of the British Isles, like Gloucestershire for example?

Roughly, how many different varieties of British apples are there?

Can you name five different British apple varieties?

Which descriptive words might we use to describe the flavours of different apple varieties?

**APPLE NAMES AND PLACES**

<b>Devonshire Quarrendon</b>	<b>Devon</b> is a county in South-West England
<b>Cornish Gilliflower</b>	<b>Cornwall</b> is a county on south England's South-West tip
<b>Beauty of Bath</b>	Bath is a town in <b>Somerset</b> , South-West England
<b>Flower of Kent</b>	<b>Kent</b> is a county in the South-East of England
<b>Worcester Pearmain</b>	Worcester is a city in <b>Worcestershire</b> , Western England
<b>Bardsey Apple</b>	Bardsey is an island off the Welsh coast of <b>Gwynedd</b> , North Wales
<b>Stirling Castle</b>	Stirling is a city in <b>Central Scotland</b>
<b>Crawley Beauty</b>	Crawley is a town in <b>West Sussex</b> , South-East England
<b>Alfriston Apple</b>	Alfriston is a village in <b>East Sussex</b> , South-East England
<b>Allington Pippin</b>	Allington is a village in <b>Lincolnshire</b> , North-East England
<b>Norfolk Beefing</b>	<b>Norfolk</b> is a county in East England
<b>Lord Derby</b>	Derby is a city in <b>Derbyshire</b> , North-West England
<b>Withington Welter</b>	Withington is an area of <b>Manchester</b> , North-West England
<b>Chester Pearmain</b>	Chester is a city in <b>Cheshire</b> , North-West England
<b>Oxford Beauty</b>	Oxford is a city in <b>Oxfordshire</b> , Southern England
<b>Merton Russet</b>	Merton is a borough in <b>South London</b>
<b>Egremont Russet</b>	Egremont is a market town in <b>Cumbria</b>

<b>Cambusnethan Pippin</b>	Cambusnethan an area in <b>Lanark</b> , Scotland
<b>Yorkshire Greening</b>	<b>Yorkshire</b> is a county in Northern England
<b>Clydeside</b>	<b>Clydeside</b> is a region around Glasgow, Central Scotland
<b>Galloway Pippin</b>	Galloway is part of <b>Dumfries &amp; Galloway</b> , South-West of Scotland
<b>Keswick Codlin</b>	Keswick is a town in the Lake District in <b>Cumbria</b> , North-West England
<b>Braintree Seedling</b>	Braintree is a town in <b>Essex</b> , South-East England