

Science

Materials

Compare and group materials together according to whether they are solids, liquids or gases.

Observe that some materials change state when they are heated or cooled and measure or research the temperature at which this happens in degrees Celsius

Identify the part played by evaporation and condensation in the water cycle and associate the rate of evaporation with temperature

Sound

Identify how sounds are made associating some of them with something vibrating.

Recognise that vibrations for sounds travel through a medium to an ear.

Find patterns between the pitch of a sound and features of the object they produced it.

Find patterns between the volume of a sound and the strength of the vibrations that created it.

Recognise that sounds gets fainter as the distance from the source increases.

Geography

Trade routes

Find countries that grow cocoa beans on a map
Climate for growing chocolate

Name and locate countries on a map concentrating on key physical differences and identifying economic activity including trade links.

Identify and locate latitude and longitude, the equator, the hemispheres and tropics, the Antarctic and Arctic.



Chocolate



Year 3 and 4
Autumn term 2016

PSHCE

Fairtrade

How a chocolate bar is made-the cocoa bean
A Day in the life of a Cocoa bean grower.

PE

Netball, Gymnastics
and Dance/Swimming

Music (cross
curricular link with
Science)

Compare instruments
and orchestra families
and the sounds they
make.

Art

Drawing using lines and tone to represent something observed and imagined; explore shading using different materials; draw familiar things from a variety of viewpoints using a variety of scales.

Using stimuli to create different 2D and 3D images using a variety of tools and materials; recreate 2D images in 3D; Show awareness of texture, form and shape.

DT

Understand seasonality, and know where and how a variety of ingredients are grown, reared, caught and processed.

ICT

iProgram:

Games and animation development.
Making shapes and navigating mazes.