

Spring 1 (Changes)

Historical, geographical and Social

L8 A range of factors that cause change in the physical and human world in different places

I know how and why some different mountain ranges in the world/United Kingdom have been formed
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I can say how a mountain environment changes as the height increases
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L10 About the factors that affect weather and climate

I can name the main climate zones of the world
--

I know that temperature decreases with height

L11 ways in which environments can be managed sustainably and why this is important now and in the future

I can name some of the ways that tourism may affect a mountain range
--

I can name other aspects that may affect a mountain range e.g. animals
--

Scientific and Technological Understanding

L12 to explore, explain and use reversible and non-reversible changes that occur in the world around them

I can begin to describe changes using scientific language (evaporation & condensation)
--

I can describe solids, liquids and gases and some similarities and differences between them (flow, shape etc)

I can explain that liquids evaporate to form gases
--

I know that gases change shape and flow from place to place

I can explain the relationships between the properties of solids, liquids and gases

I can identify & I can describe similarities between some chemical reactions
--

I can describe how and why solids can be separated
--

L13 to investigate how non-reversible changes can be used to create new and useful materials

I know that liquids evaporate to form gases

I know the part played by evaporation & condensation in the water-cycle

I can recover dissolved solids by evaporating

I can use scientific knowledge about separating mixtures to suggest how other mixtures might be separated

I can identify & describe similarities between some chemical reactions
--

I can recognise that matter is made up of particles & describe differences between the arrangement & movement of particles in solids, liquids and gasses
--

I can describe chemical & physical changes, & how new materials can be made

Understanding Physical Development, Health and Wellbeing

L21 how to manage changing emotions and relationships and how new relationships may develop

I understand how it might feel when a change takes you away from familiar people and places

I know that many children have mixed feelings about going to secondary school

L23 strategies for understanding , managing and controlling strong feelings and emotions and dealing with negative pressures

I have some strategies for managing the feelings that I might experience when I change school

Christian Celebrations

Epiphany

I can say what Epiphany means

I can talk about how Epiphany is celebrated in other countries

Patron Saints

I can name the Patron Saints of the United Kingdom

I can discuss stories and legends surrounding each Patron Saint

I can name symbols associated with each of the countries

I can talk about some of the customs related to each of the Saints' Days

Lent and Easter

I can compare and contrast Lent and fasting in other religions

I can talk about the main events of Easter

I can talk about customs and traditions associated with Easter

Speaking and Listening Opportunities

5R's: Reflective, Relationships, Resilient, Resourceful, Risk Taking

PSHE

Inquire, Research, Investigation

Discrete

Extra:

LI: To apply knowledge and understanding of the Earth in Space

I can describe the Earth, Sun and Moon as spherical in shape and support this with some evidence

I can observe and describe how shadows change as the Sun appears to move across the sky
I can begin to make simple rules about why things seem to happen
I know why the sun appears to move during the day
I understand how day and night are related to the spin of the Earth on its own axis
I can explain that the Earth orbits the Sun once a year (365 ¼ days)
I can explain that the moon takes approx 28 days to orbit the Earth
I can use evidence to explain that the Earth, Sun and Moon are spherical
I can describe how the rotation of the Earth causes shadows to change through the day and causes the Sun to appear to be moving
I know that it is only daylight on the side of the Earth which is facing the Sun
I know that the Moon orbits the Earth

Global Citizenship and Issues NEEDS CAN DO STATEMENTS

Environment
Global Warming
Poverty

Understanding how to use public transport safely