

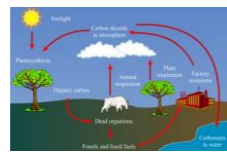
Numeracy and Mathematics

Audit how long the packaging from the class snack litter will take to degrade – Add up how long each groups litter will take to degrade. Can you reduce this next week by choosing snacks that do not have packaging? **B**

Calculate the amount of carbon in trees – **B**

http://www.forestsforthefuture.co.uk/wp-content/themes/FFTF/downloads/PDF/Unit_2/unit2_activity4.pdf

Resources required are 30m measuring tape, calculator and sheet in the folder.



Did you know, the human body is 18.5% carbon! How much do you weigh? What is 18.5% of your weight; this is how much carbon is in your body!!!

Technologies

Make an animal footprint trap **B**

What Visits Our School Grounds when we go home?
Wildlife can be shy of humans and only come out when we are not around. Make a footprint trap and discover what wildlife visits in the night!

Sciences

Learn about the carbon cycle (this ties in very well with Maths activity 1 above)

Can you draw a diagram of how the carbon cycle works?

A video explanation is here

https://www.youtube.com/watch?v=xFE9o-c_pKg

What can we do to reduce carbon in our atmosphere?

Photosynthesis Chemical Experiment

Purchase some small plants and get your students to put them in test tubes filled with water. Plug the opening of the test tubes. During the next little while, bubbles will appear on the sides of the test tubes. This is a photosynthesis chemical response that shows plants changing carbon dioxide and water into food.



The John Muir Award CfE 2nd Level

B next to a suggested resource indicates that a copy is included in the COACH box.

Literacy and English

Quotes and Facts **B**

Learn about John Muir and his life. In teams of 2 a relay race to see which pair can collect most quotes and facts in 6 - 8 minutes. One team member stays at the starting point whilst player 2 runs to the quote/fact hanging around the school grounds, reads and remembers it running back to player 1 recalling what they have just read. Write it down and player 2 then runs. Quotes and facts should be left hanging until time is up for all. Which team has written most quotes and facts down? What is the difference between a quote and a fact?

Quiz **B**

Where was John Muir born, what is he famous for? Watch this short film and try and answer the quiz questions.

https://www.youtube.com/watch?v=R_MPi6L-KJY

Persuasive writing

Can you write letters to local businesses asking for wild flower seeds or to your local councillor to have something done about litter around your school?

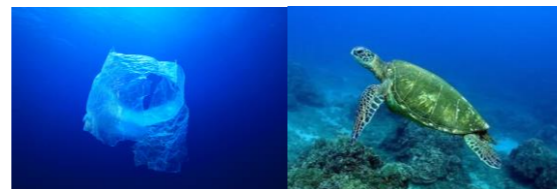
Religious and Moral Education

Learning for Sustainability - Sustainable Development Goals are now on the authority's Improvement Plan. The activities below are part of this and very much in tune with the media.

What can we do to reduce plastic in our oceans; we have all seen the picture of the turtle with the straw. What can us as individuals actually do about this?

Page 28 in the link below, a litter pick with a twist below

<http://www.scotdec.org.uk/resources/explore-global-goals>



Health and Wellbeing

Meditation

Doctors in Scotland are now prescribing nature for Health and wellbeing. Walking, birdwatching and even cycling can give us time away from hustle and bustle. My favourite way to relax is cloud watching, my favourite cloud is Cirrus which looks like a streamer flying high normally on a summers day. Can you research cloud types and go Cloud gazing.

<https://www.metoffice.gov.uk/learning/weather-for-kids/clouds>

Healthy food

Growing our own food to eat is not only good for our mental wellbeing but offers the opportunities to eat what we grow. Kale grows very well in a Scottish climate with minimal gardening knowledge. Why not give pupils the opportunity to grow their own Kale and make Kale crisps.

<http://gentleworld.org/kale-an-easy-beginners-guide-to-growing/>

<https://www.bbcgoodfood.com/recipes/spiced-kale-crisps>

Expressive Arts

Make your own butterfly feeder **B**

Butterflies are not only very pretty but pollinate our flowers and foods we grow, encourage butterflies to visit our chosen area by making these feeders.

Why not use natural materials to make your own butterfly picture, a nice way to challenge the class using symmetry outdoors.

Dance to Stay Warm

On a cold day, make up a dance outdoors to stay warm. For this and other John Muir Award Missions

https://www.johnmuirtrust.org/assets/000/000/849/Mission_Explore_John_Muir_original.pdf?1438098041

Social Studies

John Muir was born in Dunbar in Scotland. What is he a "Famous Scot" for? What did he do to be recognised? He took the American President camping; can you research why he did this and what the outcome of this trip was?

<https://www.imbt.org.uk/>

John Muir was born in 1838, lived in Scotland until 1949. His father was very strict and encouraged John Muir to study the bible in the evenings. How different was John Muir's schooling to yours?