

One big question: What are the natural and human causes of air pollution and how do these contribute to global warming?

One big product: Pencil case using recycled clothes

One big community deed: Calculate family's carbon footprint and discuss ways to reduce

One big trip: John Lennon Airport

VIP: (Very Inspirational Person): Leonardo DiCaprio

As artists we will...

...research and evaluate the work and life of Vincent Van Gough
...experiment with oil pastels, including adding light and shade to add depth.
... create a big art to celebrate our topic using recycled materials which we will display around school.

As computer scientists we will...

... create stop frame animation videos to demonstrate the effects of global warming
...make presentations to explain the different aspects of global warming.
...use computer programmes to collate and display data relating to our carbon footprint.
... create websites about our VIP

As geographers we will...

... identify levels of pollution around the world and its causes including natural and man made
...understand the causes and effects of global warming
...calculate our carbon footprints and compare them with each other's.

Y5 Environment topic – What are the natural and human causes of air pollution and how do these contribute to global warming?



To inspire, motivate and challenge our learners to explore the environment, value its purpose and feel empowered to become a responsible global citizen.

As designers we will...

... design pencil cases thinking carefully about the needs of the user and create prototypes of our designs.
...practise sewing skills and using them to join the recycled fabric together.
...evaluate our final design celebrating our successes and suggesting ways forward for our designs.

As historians we will...

... order and research different aviation events over history.

As mathematicians we will...

... create graphs to compare pollution levels around the world.
... measure materials in our DT topic.
...compare the different years of aviation events and the time between them.

As philosophers we will...

... identify what is precious to us and the environment.
...identify what is precious to our Very Inspirational Person and what his main beliefs are.
...discuss what we must do to look after things that are precious to us especially our planet.

As writers we will...

...use the text 'The Promise' to base our writing around.
...write texts such as: descriptions, poems, diary entries and letters
...write narratives about volcano eruptions and newspaper reports about the environment.