



## British businessman arranges for 5 private jets to secure emergency supplies to island of Dominica

A businessman from Britain has hired five private jets to help get necessary supplies to the small Caribbean island of Dominica, which was hugely damaged by Hurricane Maria two weeks ago.

Jonathan Brown, who set up his own smoked salmon company when he was 16 before moving to Miami to expand his business empire, claimed the £5million in relief aid given by the UK would be nowhere near enough to get the island back on its feet.

Dominica, a small 290-square mile island which is 400 miles east from Puerto Rico, had nearly all of its buildings destroyed by the category five hurricane - 27 people were killed.

Mr Brown is determined to help the country get back on its feet by coordinating private jets and ships with relief workers and supplies to come to its shores.



*A plane being loaded.*

Following the announcement that the UK Government would provide £5million of aid, Mr Brown, originally from Keswick in the Lake District, said, "Five million pounds is great, but if no one is on the ground to help clear the roads or to help people, all you have is five million in the bank and thousands of people helpless."

UK organisation Rescue Global provides world disaster relief and they have teamed up with Mr Brown. On 30<sup>th</sup> September, he chartered two jets carrying government officials from Barbados to Dominica to help survey the damage, as well as bringing over items such as phones, chainsaws, water filters, batteries, tinned foods and other essentials.

"Imagine what two weeks without power, water, or medicine looks like, this could be one of history's worst disasters in the Caribbean." Mr



*The small island of Dominica which was devastated by hurricane Maria*



*Mr Brown pictured with some of the supplies.*



## Building a runway over a motorway!



A typical stretch of the M25 motorway.

Heathrow's third runway could involve planes taking off from a ramp over the busy M25 ring-road motorway around London. "There's an obstacle in the way of the proposed runway - the M25. An initial idea of constructing a road tunnel beneath the runway has been put aside. Building a ramp instead would be a "cheaper and quicker way of doing it" according to Transport Secretary Chris Grayling. Runway bridges have been built over busy roads including at Charles de Gaulle in Paris and Fort Lauderdale in the US state of Florida. Planes taxi along a bridge over a motorway at Leipzig-Halle airport in Germany and at Amsterdam's Schiphol Airport.

## The Science of Autumn

By Angela Harrison

So what happens in autumn? Take a look around you and observe this. During autumn, the days get shorter and shorter and they also get darker and darker. Some of our trees are starting to prepare themselves for the winter season too.

Trees are plants and like all plants, they make their own food through a process called photosynthesis. However, in order to do this the trees require both sunlight and water - both of which are much less freely available during these cold months.

Trees will therefore stop producing their own food over the winter months and will use up the stores they have made during the summer months.

It is a green pigment (dye) called chlorophyll which gives leaves their stunning green colour. However, when plants and trees stop producing this chlorophyll as they don't need it over the winter months, the leaves change from their vivid green colour to beautiful yellow and orange shades.

Sometimes a type of sugar called glucose, which is made for food by the plant inside the leaves, can be trapped inside the leaf. This can cause the leaves to change to the glorious and vibrant reds and purples we sometimes observe.

Any waste (unwanted) products which are left inside the leaves turns the leaves brown. Unbelievably, the lovely yellow and orange colours are there all year around - it's just they are unable to be seen due to the darker green colour of the chlorophyll. So what happens to trees in the autumn? They are preparing for the winter and they are having a rest feeding on any food they have stored. The leaves then fall from the trees to the ground as they are no longer needed.

Of course, after winter ends something amazing will happen again...



Once a month we will have a science special corner which has kindly been brought to us by the team at Green Shift Educational Services and Science Buddies.



Congratulations to Toryn from 1 Oak Class at Edge Grove School in Hertfordshire who has won our 'car dooring' poster competition and will receive a Peter the Picture News bear.

Well done Toryn!



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