Reactive Geography – IGCSE Hurricane Matthew Display Task

Team 1- What are hurricanes and how and where do they form?   4 people

You need to complete the following:

1. 1 large pop up hurricane (like the one in your book) but in A2 size. You will need cotton wool, colours and labels and a key.

   Resources: You will need the pop up hurricane outline & the PowerPoint document to recreate this – 2 people.

2. You must create a recipe style document with key ingredients needed to create a hurricane. This must be done as a step by step 'cooking guide' e.g.
   "take a sprinkle of desert dust thrown up by a child walking over the sand in Ethiopia. Mix with a little wind disturbance to create a spinning dust devil" etc – 2 people

   Resources: The starter task on http://www.geographypods.com/hurricane-matthew-2016.html

You will need to work closely with Team 2 as your pop up Hurricane and ingredients list will be combined with their flat display task.

Team 2- Tracking Hurricane Matthew   - 3 people

You need to complete the following:

1. You need to use the printed out block poster to recreate the section of the north Atlantic where Hurricane Matthew formed and then travelled over. Cut out each section and then mount onto the display card provided.
2. Use this site https://weather.com/storms/hurricane-central/matthew-2016/AL142016 and the map of geographypods to help you to track the storm. You may want to use the printed out coloured circles to show the track of the storm. You must include a key with the circles to say what each colour represents.
3. Please mark on the dates where Haiti and Florida were affected and the wind speeds.

You will need to work closely with Team 1 as your display will also feature their pop up Hurricane and ingredients list.

Team 3- Measuring the Strength of Hurricanes. – 3 people

You need to complete the following:

1. You need to create a 3D display that shows the effects of hurricanes at different categories.
2. Cut out each of the five houses and stick them down on display card, equally spaced. Leave space to write in a description of the wind speeds at each category as well as likely damage. Each stage should see more and more damage to the property. You may also use plasticine to show trees etc.
3. You need to show Haiti & Florida on your model.

Resources: Use Task 2 & 3 from http://www.geographypods.com/hurricane-matthew-2016.html

Team 4- Fakebook of affected residents in Haiti & Florida – 2 people

You need to complete the following:

1. A Fakebook profile of a local resident in Haiti using a series of posts documenting the arrival of the storm on the part of the island most affected (see weblink in Task 8) as well as the effects and damage. You should use photos taken in Haiti during and after the hurricane. An ability to mix in a bit of French here would also be good.
2. A Fakebook profile of a local resident in Florida (choose affected town) using a series of posts documenting the arrival of the storm as well as the effects and damage. You should use photos taken in Haiti during and after the hurricane.

Resources: http://www.classtools.net/FB/home-page

Team 5 – Images of Hurricane Damage Posters – What do they need?   4 – people

You need to complete the following:

1. A series of A4 laminated posters that show the difference in impacts of the hurricane on the communities of Haiti & Florida. Read the
2. The posters should aim to show the vast differences in damage between the two countries as well as posing questions to the reader about the response to the disaster.
3. You must use the same font and layout on each poster. Aim for at least 8 for Haiti and 8 for USA.

For inspiration – check out this presentation - http://www.slideshare.net/jonesy2008/think-about-haiyan-v20

Team 6 – Key development data – Comparing Haiti & USA. – 3 people.

You need to complete the following:

1. To allow the reader to see the differences in impact between the nations of Haiti & USA, we require the key Geography data.
2. Turn task 7 & 8 worksheet from http://www.geographypods.com/hurricane-matthew-2016.html into an A2 display incorporating images.
3. Ensure that you have a colour copy of the GapMinder Graph to include somewhere on your display.

Team 7 – Not just in the USA - Our local Hurricane – 3 people.

You need to complete the following:

1. Use your research skills to find out about Hurricane Xynthia – an unusual hurricane that hit Western Europe a few years back. Your display should include images, maps, detail of damage, deaths and the hurricane track.

Resources: A2 display card.