**Year 10 Independent Home learning ‘Quarantine Pack’ Autumn 2**

This document is intended to give instruction and links to work that pupils can complete independently whilst under quarantine due to COVID-19 or for any other reason that pupils are on extended absence from school. It outlines the work that pupils would normally engage with in school and provides links to sources where they can keep up, catch up and potentially move ahead in preparation for their return to school.

The topic for Year 10 in Autumn 2 is Weather Hazards. The case study examples are Storm Desmond (Cumbria) 2015 and Typhoon Haiyan hitting The Philippines in 2013.

For the majority of this topic excellent lessons and resources are found on Oak National Academy. Watch the videos, participate in the quizzes and tasks within the lessons. Look at the lesson content below and select the lessons that you need to catch up with, or haven’t yet done. They are in the order of content that we would move through the topic.

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| Key content | Source of information |
| What are natural hazards? | <https://classroom.thenational.academy/lessons/what-are-natural-hazards-ccwkar> |
| What are the factors which affect hazard risk? | <https://classroom.thenational.academy/lessons/what-are-the-factors-which-affect-hazard-risk-c5h34c> |
| Global Atmospheric Circulation Model | <https://classroom.thenational.academy/lessons/global-atmospheric-circulation-model-part-1-6mrp6t>  <https://classroom.thenational.academy/lessons/global-atmospheric-circulation-model-part-2-70tp6e> |
| Formation and distribution of tropical storms. | <https://mayfieldschoolpo2.sharepoint.com/:v:/s/Year92019-20/EYDyXHYa5PlIlHZIda5nQIUBUV27SgU6Bvm0nUQ9M_qf1g?e=OXhDDs> |
| How climate change might affect tropical storms? | <https://classroom.thenational.academy/lessons/how-might-tropical-storms-be-affected-by-climate-change-6mw3at> |
| Typhoon Haiyan | <https://mayfieldschoolpo2.sharepoint.com/:v:/s/Year92019-20/EViie6DOEGlPsCkEQgVcLNYB90iS5I45Nj65xYFcWGmg5w?e=fnq5aK>  <https://www.youtube.com/watch?v=-BnahLG_DmQ> |
| Responses to Typhoon Haiyan | <https://mayfieldschoolpo2.sharepoint.com/:v:/s/Year92019-20/EY8DNOgE_vBLunCMzmrbptgBPYW5m70-gMp33zDx34drrw?e=8wwc4f> |
| Is the UK’s weather becoming more extreme? | <https://classroom.thenational.academy/lessons/is-the-uks-weather-becoming-more-extreme-cdjkge> |
| Storm Desmond Effects | Video - <https://www.youtube.com/watch?v=xUBgiGSz0j4&list=PLF5IzCURa6GL-JafOU_8yEwYUedR0g8kS>  Lesson - <https://mayfieldschoolpo2.sharepoint.com/:p:/g/Geography-Staff/EVK1pMPG4exEhRnGo7rhoXoBFK86PBR2Xl8kLFnW2yKp3A?e=MUyk9d>  worksheet - <https://mayfieldschoolpo2.sharepoint.com/:w:/g/Geography-Staff/EcrHT2XJy-hBs1fBTxgU2vIBIn5RfVjlPcmobgG0sATyDQ?e=5KJG8E>  Information sheet - <https://mayfieldschoolpo2.sharepoint.com/:w:/g/Geography-Staff/EQwqBjvIR_ZBltX34IwKZ8oBYeIxa4A7e9L-_dYPBUEG0w?e=nhyG5X> |
| Storm Desmond responses | <https://mayfieldschoolpo2.sharepoint.com/:p:/g/Geography-Staff/EcMwWHTabtBPmeJpOz2LRZIBh6zjBli8l_XOUFUbCjz8rw?e=5YFO98> |
| Evidence of climate change | <https://classroom.thenational.academy/lessons/evidence-of-climate-change-6njkge> |
| Natural causes of climate change | <https://classroom.thenational.academy/lessons/natural-causes-of-climate-change-64vk8c> |
| Human causes of climate change | <https://classroom.thenational.academy/lessons/human-causes-of-climate-change-68vkar> |
| Effects of climate change | <https://classroom.thenational.academy/lessons/the-effects-of-climate-change-75gk2c> |
| Mitigating climate change | <https://classroom.thenational.academy/lessons/mitigation-against-climate-change-part-1-61hkjc>  <https://classroom.thenational.academy/lessons/mitigation-against-climate-change-part-2-cnhp8t> |
| Adapting to climate change | Tuvalu – watch this video and create a revision card on strategies used in Tuvalu to adapt to the threat of climate change - <https://www.youtube.com/watch?v=hR5fYBSh5wQ&list=PLF5IzCURa6GL-JafOU_8yEwYUedR0g8kS&index=3> |

This is the link for the Mayfield Geography Youtube playlist for this topic which has lots of videos all related to this topic.

<https://www.youtube.com/watch?v=xUBgiGSz0j4&list=PLF5IzCURa6GL-JafOU_8yEwYUedR0g8kS>