**Oakfield Academy Science Department - Home Learning for Year 8**

**Week beginning: 22nd June 2020**

**Message from Mr Gough (Head of Science):**

*I hope you and your family are well. The next set of tasks are below. A new set of Doddle tasks has been set. I have included some video clips to supplement the learning. As an extra this week I’m suggesting you find out about the effects of climate change.*

*Try to show* ***integrity*** *with your home-learning but also remember excellent scientists do not always find out the answers! Just do your best - have* ***ambition*** *and* ***pride*** *- and don’t forget to email any work or achievements you’re proud of to the Academy Office.*

***Please keep in touch with me*** *(science@oakfieldacademy.org) - ask me any questions, share your learning or make contact with your usual science teacher. Many thanks to those of you who are already doing so.* ***Please be assured the Science Department email is checked and responded to regularly****.*

***Don’t forget****, scroll down for details about the Seek App. All the best.*

**Suggested learning activities for this week:**

**BBC Daily Lessons:** (<https://www.bbc.co.uk/bitesize/tags/zvdbbdm/year-8-and-s2-lessons?scrlybrkr>) Science learning this week is Tuesday (Biology – DNA, chromosomes and genes), Wednesday (Chemistry – Alloys) and Friday (Physics – Domestic energy).

**Watch:** These videos supplement this week’s learning.

Biology: <https://www.youtube.com/watch?v=8m6hHRlKwxY&pbjreload=101>

Chemistry: <https://www.youtube.com/watch?v=jfwlfVW-kdg&pbjreload=101>

Physics: <https://www.youtube.com/watch?v=HnlFQ0J2EA4&pbjreload=101>

**Effects of Climate Change:** We’re facing the biggest environmental challenge our species has ever seen. No matter what we’re passionate about, something we care about will be affected by climate change. Find out more here: <https://www.wwf.org.uk/learn/effects-of/climate-change>

**Doddle:** The next bumper set of revisions and quizzes is ready and waiting for you. Don’t forget to repeat the quizzes to improve your scores (until you get 100%!). Deadline is Friday 3rd July 2020.



**Suggested learning activities you may have missed!**

**Identify living things**: Download and use the **Seek** app (it’s brilliant!) from inaturalist to find out the plants and animals living near you. Watch this WWF YouTube video clip which shows it being used on a garden safari! (<https://www.youtube.com/watch?v=Lp6LL2zOif0>)