Remote education Spring 1

Subject:

Year Group: Year 8 Science

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| Week commencing | Topic | How will the new content be delivered? | What activities need to be completed? |
| Monday 3rd January | Climate change and earth | Lesson 1 - The earths atmosphere:<https://classroom.thenational.academy/lessons/the-earths-atmosphere-6nk34t> Lesson 2 - The carbon cycle:<https://classroom.thenational.academy/lessons/the-carbon-cycle-6gtkac> Lesson 3 – The greenhouse gas effect and climate change. Video 1 <https://classroom.thenational.academy/lessons/the-greenhouse-effect-c4wpct> Video 2<https://classroom.thenational.academy/lessons/evidence-for-climate-change-6rw6ad>  | Watch the video and complete the intro and exit quizzes. Watch the video and complete the reading comprehension worksheet in folder.Watch the video and complete the intro and exit quizzes then write a letter to your local MP (use worksheet guide in folder to help you). |
| Monday 10th January | Climate change and earth | Lesson 4 – Recycling materials <https://classroom.thenational.academy/lessons/recycling-resources-6hhpad> Lesson 5 – Mining and quarrying <https://classroom.thenational.academy/lessons/mining-and-quarrying-crup6d> Lesson 6 – Topic consolidation <https://classroom.thenational.academy/lessons/review-part-2-6mwpct>  | L4,5 & 6 Complete the oak academy lessons and worksheets.L6 complete end of topic quiz on oak academy  |
| Monday 17th January | Human repd  | L1. Human reproduction<https://classroom.thenational.academy/lessons/human-reproductive-system-64vk4d> L2. Fertilisation<https://classroom.thenational.academy/lessons/fertilisation-65jk6r>   | L1,2 & 3. Complete the oak academy lessons and worksheets.  |
| Monday 24th January | Human repd  | L1. Gestation<https://classroom.thenational.academy/lessons/gestation-6cr68d> L2. Birth<https://classroom.thenational.academy/lessons/birth-crvpad> L3. Menstrual cycle<https://classroom.thenational.academy/lessons/puberty-and-the-menstrual-cycle-ccw3ec>   | L1,2 & 3. Complete the oak academy lessons and worksheets. |
| Monday 31st January | Evolution and inheritance | Lesson 1 – Adaptation <https://classroom.thenational.academy/lessons/adaptation-c4w34r> Lesson 2– Natural selection <https://classroom.thenational.academy/lessons/natural-selection-6mrp6d> Lesson 3 – Evolution <https://classroom.thenational.academy/lessons/evolution-evidence-6djp8c>  |  Lesson 1 -Complete the oak academy lessons and test yourself worksheet in folder L2 Complete the oak academy lessons and worksheetsL3 complete the oak academy lessons and worksheet in folder. |
| Monday 7th February | Evolution and inheritance | Lesson 4 – Biodiversity <https://classroom.thenational.academy/lessons/biodiversity-c4u3ct> Lesson 5 - DNA<https://classroom.thenational.academy/lessons/dna-74tkgd> Lesson 6 – Inheritance <https://classroom.thenational.academy/lessons/inheritance-cngkjt>  | L4 - Complete the oak academy lessons and worksheet in folder.L5 &6 – complete the oak academy lesson and worksheet.  |
| Monday 14th February | Evolution and inheritance | Lesson 7 – Variation <https://classroom.thenational.academy/lessons/variation-75gk6tv> Lesson 8 – Human variation Video 1:<https://classroom.thenational.academy/lessons/practical-human-variation-69jpac> Video 2: <https://classroom.thenational.academy/lessons/why-is-variation-important-64wk4t> Lesson 9 – discovery of the structure of DNA<https://classroom.thenational.academy/lessons/dna-case-study-franklin-wilkins-watson-and-crick-74u30r>  | L7,8 & 9. Complete the oak academy lessons and worksheets |