Remote education

Subject:

Year Group: 7

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| Week commencing | Topic | How will the new content be delivered? | What activities need to be completed?  P:\Remote Education Work\Year 7\Science |
| Monday 2nd November | Organisation | <https://classroom.thenational.academy/units/cells-tissues-and-organs-03b2>   * Lesson 1 Microscopes * Lesson 10 Animals as organisms   <https://classroom.thenational.academy/units/biological-systems-and-processes-bf5a>   * Lesson 1 Musculoskeletal system   For each lesson watch the video and complete the activities and quizzes | Worksheets:   * Microscopy word search * Build your own skeleton cut out * Skeletal and muscular systems questions |
| Monday 9th November | Cell | <https://classroom.thenational.academy/units/cells-tissues-and-organs-03b2>   * Lesson 5 Plant cells * Lesson 7 Animal cells * Lesson 9 Specialised cells   For each lesson watch the video and complete the activities and quizzes | Worksheets:   * Plant and Animal Cells * Specialised cells worksheet * Specialised cells word search |
| Monday 16th November | Particle model | Watch the videos and complete the activities  <https://classroom.thenational.academy/lessons/solids-liquids-and-gases-74tp8t>  Review  <https://classroom.thenational.academy/lessons/review-1-6rvkar> | Complete the activities during the video  Read and answer the text book questions saved here. |
| Monday 23rd November | Separating mixture | <https://classroom.thenational.academy/lessons/mixtures-filtration-and-crystallisation-60u38e>  <https://classroom.thenational.academy/lessons/separation-by-distillation-75jk2r> | Complete activities in the video and 2 worksheets saved in the folder |
| Monday 30th November | Forces | Lesson 1 - Watch the lesson and complete the tasks as directed  <https://classroom.thenational.academy/lessons/what-are-forces-crw38r>  Then complete the worksheet on contact and non-contact forces. | Send your teacher the following   * A definition of a force. * The completed worksheet on contact and non contact forces. |
| Lesson 2 - Watch the lesson and complete the tasks as directed  <https://classroom.thenational.academy/lessons/representing-forces-6hhpad>  Then complete the worksheet on balanced and unbalanced forces. | Send your teacher the following  - The definition match up from the beginning of the lesson.  - The balanced and unbalanced forces sheet |
| Lesson 3 – Watch the lesson and complete the tasks as directed  <https://classroom.thenational.academy/lessons/resultant-forces-6wwk2d> | Send your teacher the following   * A labelled force diagram showing balanced forces. * A labelled force diagram showing unbalanced forces. * Examples of how to calculate resultant force |
| Monday 7th December | Speed and Gravity | Lesson 1–  Watch the lesson and complete the tasks as directed  <https://classroom.thenational.academy/lessons/investigating-speed-cmtpad> | Send your teacher the following  - Your results table for investigating how surface area affects drop time.  - Your conclusion from this experiment |
| Lesson 2 - Watch the lesson and complete the tasks as directed  <https://classroom.thenational.academy/lessons/calculating-speed-using-an-equation-6dk3jr> | Send your teacher the following  - Your workings and answer for each question from the lesson. |
| Lesson 3 – Watch the lesson and complete the tasks as directed  <https://classroom.thenational.academy/lessons/gravity-65j32d>  Then complete the worksheet on gravity calculations. | Send your teacher the following  - A definition of mass and weight  - The gravity calculations worksheet |
| Monday 14th December | HSW consolidation fun  Christmas | Lesson 1 – Complete the Christmas crossword. You may need to research some of the answers.  Lesson 2 – complete the balanced diet for Father Christmas task. Work through the presentation. Completing each task. Choose which worksheets to do from; Low Ability, Middle Ability or Higher Ability  Lesson 3 - Complete the Christmas dominoes. When all the triangles are in the right place it will form a larger triangle. You may need to research some of the answers. | Send your teacher the following  Your completed crossword  Send your teacher the following.  Your balanced diet pyramid.  Your menu for Father Christmas  Send your teacher the following a photo of your completed domino puzzle. |