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
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| 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
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| 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 videoRead 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.
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| 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
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| 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 funChristmas | 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 followingYour 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. |