



SUPER-CURRICULAR ACTIVITIES

SCIENCE Year 8

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|  <p>You can read ahead and challenge yourself to reach above the human body lay out. You have logons to kerboodle: 9-1 science books biology. Read Chapter: B2 pages 26-32; B3 pages 36-38; and B4 pages 52-60.</p> |  <p>Follow Link 1 (below) to Build a Body interactively and learn about each organ.</p> |  <p>Follow Link 2 (below) and read the webpage. Then choose three more of the links below it <i>eg</i> three of these: Systems of the human body</p> <ul style="list-style-type: none"> • Circulatory System: Facts, Function & Diseases • Digestive System: Facts, Function & Diseases • Endocrine System: Facts, Functions and Diseases • Immune System: Diseases, Disorders & Function • Lymphatic System: Facts, Functions & Diseases • Muscular System: Facts, Functions & Diseases • Nervous System: Facts, Function & Diseases • Reproductive System: Facts, Functions and Diseases • Respiratory System: Facts, Function & Diseases • Skeletal System: Facts, Function & Diseases • Skin: Facts, Diseases & Conditions • Urinary System: Facts, Functions & Diseases |
|  <p>Follow Link 3 (below) and find an article on health. Read and write a review of it.</p> |  <p>Follow Link 3 (below) and find an article on the environment. Read and write a review of it.</p> |  <p>Follow Link 3 (below) and find an article on society. Read and write a review of it.</p> |
|  <p>Follow Link 4 (below) to the Natural History Museum website. Read and watch: what do you find really interesting and why? What else can you discover on the topic? Write about where you went next and what you found out after.</p> |  <p>Follow Link 5 (below) to the Natural History Museum website. Read and watch: can you build a nesting box for your garden? Make a diary for the future of what happens with your bird box.</p> |  <p>Follow Link 6 (below) to the Natural History Museum website. Read and watch: what do you find really interesting and why? What else can you discover on the topic? Write about where you went next and what you found out after.</p> |
|  <p>Listen to a scientific programme on RADIO 4 called 'Inside Health.' Follow Link 7 (below)</p> |  <p>Problems with the heart. Follow Link 8 (below)</p> |  <p>Evolution of the human eye. Follow Link 9 (below)</p> |
|  <p>Find a genetic disorder and find out how it is caused: Cystic fibrosis; Downs syndrome; Polydactyl. Follow Link 10 (below)</p> |  <p>Using A3 paper or a poster create a human body 3D with flip up organs and underneath write how they work.</p> |  <p>Research how you can replace a hip, what structures are involved, what metal is used and why?</p> |

Links to websites used in this Super-Curricular Activities sheet:

Link 1: http://www.spongeclub.com/game_pages/bab.cfm

Link 2: <https://www.livescience.com/37009-human-body.html>

Link 3: <https://www.sciencedaily.com/>

Link 4: <https://www.nhm.ac.uk/discover/human-evolution.html>

Link 5: <https://www.nhm.ac.uk/discover/how-to-make-a-bird-nesting-box.html>

Link 6: <https://www.nhm.ac.uk/discover/news/2018/august/-asteroid-forensics--could-reveal-the-origin-of-water.html>

Link 7: <https://www.bbc.co.uk/programmes/b019d11b/episodes/downloads>

Link 8: <https://www.bbc.co.uk/bitesize/clips/z7f7tfr>

Link 9: <https://www.sciencealert.com/watch-here-s-how-eyes-evolved-500-million-years-ago>

Link 10: https://www.medicinenet.com/genetic_disease/article.htm

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|  | Reading task |  | Creative task |  | Watching task |  | Student-led task |
|  | Research task |  | Writing task |  | Listening task |  | Trip or visit |