Body Systems 1

(Circulatory & Respiratory)

**Learning Goal:** I can identify and describe the structure and function of the circulatory and respiratory systems.

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| Level 1 | Level 2 | Level 3\* | Level 4 |
| Even with assistance, I am unable to meet the learning targets. | With assistance I can describe the functions of the respiratory and circulatory systems.  **Vocabulary**: *Bronchial tree, windpipe, lung, nose, air sacs (alvioli), oxygen, carbon dioxide, respiratory system, circulatory system, arteries, veins, capillaries, pulse, heart* | I can identify and describe the structure and function of both the circulatory and respiratory systems. | All of level 3, and make real-life connections to the content. |

(I)ndependent (P)artner (G)roup

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| Status | Task | Order |
| **Required**  (I or P) | **Human Body Foldable:** This will be completed throughout the course of the unit. |  |
| **Required**  (I or P) | **Body Systems:**   * [Video](http://app.discoveryeducation.com/player/view/assetGuid/FACE688E-E1F3-4156-9865-55837EF38042): Body Systems (G/P) * HG & D Handbook   + READ “Facts About the Human Body” (p11-12)   + COMPLETE the GO: Human Body Systems (p13) |  |
| **Choose 1**  (I or P) | [Video](https://www.brainpop.com/health/bodysystems/humanbody/): Brain Pop “Body Systems”   * Take the quiz after the video   **OR**  Interactive: [Major Organ Systems](http://www.iknowthat.com/ScienceIllustrations/humanbody/science_desk.swf) |  |
| **Required**  (P or I) | **Circulatory System:**   * [Video](http://www.dailymotion.com/video/xlp2xx_bill-nye-blood-and-circulation_tech): Bill Nye “Heart” (P or G)   + Complete video sheet * HG & D Handbook:   + Map your Brain (p14)   + Brain Power (p15) |  |
| **Optional**  (P or G) | **Video:**   * Brain Pop “[Circulatory System](https://www.brainpop.com/health/bodysystems/circulatorysystem/)”   + Take the quiz |  |
| **Required**  (I or P) | **Respiratory System:**   * [Video](http://app.discoveryeducation.com/player/view/assetGuid/CECED0E3-4A71-45CF-9390-6C1BDEE8FD73): Magic School Bus “Works Out“   + <http://app.discoveryeducation.com/player/view/assetGuid/CECED0E3-4A71-45CF-9390-6C1BDEE8FD73>Complete video sheet |  |
| **Required**  (I or P) | **Lab: Lung Capacity**  [Diameter to Volume Conversion](http://www.onlineconversion.com/object_volume_sphere.htm) |  |
| **Optional**  (P or G) | **Video**:   * Brain Pop “[Respiratory System](https://www.brainpop.com/health/bodysystems/respiratorysystem/)”   + Take the quiz * Video: Bill Nye “[Respiration](https://www.youtube.com/watch?v=vw7nZpAAd0w)“   + Complete video sheet |  |