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| **Biology 11**  **Immune System Project** | **Names: Date:**  **Block:** |

With a partner you are to create a comic strip or illustrated children’s story book explaining the immune process beginning with the pathogens entry into the body. You must mention the following: the port of entry, first line of defense, second line of defense and third line of defense.

You must include (but not limited to) the following as a part of specific immune response description:

* Macrophage
* Helper T-Cells
* B-Cells
* Killer T-Cells
* Antibodies
* Antigens
* Additionally, include a “take-home message” about how to protect yourself against a viral attack. Attach this handout to your final assignment.

Be creative! Use word and thought bubbles to indicate what is happening. The comic must be in colour and present a clear illustration/description of the immune response process.

Use information from the Immune system powerpoint posted on class website, textbook and online resources. This project can be done either individually or in partners.

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|  | **Total** | **Beginning** | **Developing** | **Competent** | **Accomplished** |
| **Content** | /12 | Information presented is incomplete  Many required elements missing, making the text difficult to follow and understand | Some information presented is not accurate and well explained  The explanations are not in logical order  There is a lack of information | Information presented is somewhat accurate and fairly well explained  The explanations are in logical order  The text is comprehensible  All required elements are present | Information presented is accurate, detailed and well explained  The explanations are in a logical order  The text is easy to follow and understand  All required elements are present and some elements to show further understanding. |
| **Presentation** | /8 | Messy and incomplete  Not in colour and very few pictures included  Visuals do not support information presented  Not attractive  There is a lack of effort | Not very neat or clear  There is a lack of colour and/or pictures.  Some visuals do not support information presented  Not very attractive  Minimal effort | Somewhat neat and clear  Pictures included  Most visuals support information presented  In colour and somewhat attractive  Demonstrates a good effort | Detailed, clear, and neat  Many visuals included  Visuals support information presented  In colour and attractive  Demonstrates a considerable effort |

Total: /20