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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 incompleteMany 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 orderThere is a lack of information  | Information presented is somewhat accurate and fairly well explained The explanations are in logical orderThe text is comprehensible All required elements are present  | Information presented is accurate, detailed and well explained The explanations are in a logical orderThe text is easy to follow and understandAll required elements are present and some elements to show further understanding.  |
| **Presentation** |  /8 | Messy and incompleteNot in colour and very few pictures includedVisuals do not support information presentedNot attractiveThere is a lack of effort | Not very neat or clearThere is a lack of colour and/or pictures.Some visuals do not support information presentedNot very attractiveMinimal effort | Somewhat neat and clearPictures includedMost visuals support information presentedIn colour and somewhat attractiveDemonstrates a good effort  | Detailed, clear, and neat Many visuals includedVisuals support information presentedIn colour and attractiveDemonstrates a considerable effort  |

Total: /20