

## Comparing Lines of Defense Project

**Goal:** Create a diagram illustrating the three lines of defense of the immune system.

First, take the following terms and classify them correctly:

- |                     |                   |                        |
|---------------------|-------------------|------------------------|
| -B cells            | -Phagocytic cells | -Mucous membranes      |
| -Skin               | -Antibodies       | -Macrophages           |
| -Secretions of skin | -Interferon       | -Inflammatory response |
| -Complement protein | -Fever            | -T cells               |
| -Helper T cells     | -Lysozyme         | -Acidic pH secretions  |

1 <sup>st</sup> Line - Barriers	2 <sup>nd</sup> Line – Non-specific response	3 <sup>rd</sup> Line – Specific Response

Draw a diagram illustrating the three lines of defense. Be sure to include the following:

- All of the terms above
- Any detail relating to the terms
- Accurate diagrams of any cells
- Show how lines of defense are related (at least 3 relationships)