

IMMUNITY AND VACCINATIONS

Go to the website below and enter the lesson code.

ScienceSauceOnline.com	Enter lesson code: 01301
-------------------------------	------------------------------------

Instructions

Watch the video, and answer the following questions:

<p>1. Complete the sentences below based on the description in the video:</p> <p>When a invades the body, are capable of producing antibodies, which can help destroy it. There are lots of different types of in the body, all producing unique While the body tries to find the correct lymphocyte, the pathogen may reproduce in large numbers, making a person</p>
<p>2.</p> <p>a) When the correct lymphocyte is found for a pathogen, a special version of that lymphocyte is produced. What name is given to this special version of the lymphocyte?</p> <p>.....</p> <p>b) Explain why this special cell is helpful in fighting future pathogen invasions.</p> <p>.....</p> <p>.....</p> <p>.....</p> <p>c) What kind of immunity is provided by this process?</p> <p>.....</p>
<p>3.</p> <p>a) Explain how breastfeeding can help babies fight infection.</p> <p>.....</p> <p>.....</p> <p>b) What kind of immunity is provided by this process?</p> <p>.....</p>

[Questions continue on the next page]



4. In order for active immunity to develop, a person must be exposed to the pathogen. However, this is not the case with vaccinations. What might a person be exposed to when they are vaccinated?

.....

5. Explain why immunity provided by vaccination is considered to be **active** immunity.

.....

.....

.....

