



Name _____ Class _____ Date _____

- 1 Cut out the cards below and sort them into groups, to show different kinds of disease: infectious, genetic, deficiency, lifestyle, and autoimmune. Note that some diseases fit into more than one group. Arrange the groups to make it easier for you to show this.
- 2 For any infectious diseases, identify the pathogen that causes the disease.

I can...

- give examples of different kinds of diseases and describe how they are caused.

<p>People who smoke tobacco are more likely to develop lung cancer. Substances in the smoke cause some lung cells to start dividing uncontrollably, forming lumps called tumours.</p>	<p>People with anaemia have too few red blood cells, or their red blood cells contain less haemoglobin than normal. Haemoglobin contains iron, so anaemia is often caused by too little iron in the diet.</p>
<p>Cholera is a disease that causes large quantities of watery diarrhoea. You catch the disease by drinking water contaminated with cholera bacteria from other people's faeces.</p>	<p>Malaria is caused by a protoctist parasite that lives in the blood. Mosquitoes take in the parasite when they suck blood from someone with malaria. They then pass it on when they suck blood from another person.</p>
<p>Haemophilia is a disease in which the blood doesn't clot properly. It can lead to a large loss of blood from a small wound. This disease is known to 'run in families'.</p>	<p>Ebola is a disease caused by a virus. It is easily passed from person to person. It causes many deaths as a result of internal bleeding.</p>
<p>Type 1 diabetes is caused by the immune system attacking and destroying the cells in the body that produce insulin. If one family member has Type 1 diabetes, there is a greater chance than normal that another family member will have it too.</p>	<p>Influenza (flu) is a common winter disease that is caused by a virus. The virus passes between people in droplets from coughs and sneezes.</p>
<p>Scurvy was a common disease of sailors who were at sea for long periods of time if they didn't get enough vitamin C in their food. The disease causes a breakdown of soft tissue, leading to bleeding gums and general weakness.</p>	<p>Heart disease may be caused by the narrowing of blood vessels in the heart. This narrowing is due to the build-up of fatty layers in the vessels. It may be linked to high levels of saturated fat in the diet or to substances found in tobacco smoke.</p>
<p>Liver disease may be caused by drinking large amounts of alcohol. It can also be the result of infection with the hepatitis C virus.</p>	<p>Multiple sclerosis is a disease of the nervous system. It is caused by the body's immune system attacking and breaking down the coverings on nerve cells.</p>
<p>Norovirus is known as the winter vomiting bug. It affects around 267 million people each year, and causes vomiting (being sick) and diarrhoea. The disease is easily passed in droplets in the air or by touch.</p>	<p>Rickets is a weakness of bones as a result of not getting enough calcium or vitamin D. A good source of calcium is milk or other dairy products. Vitamin D is made in the body when the skin is exposed to sunlight. Additional vitamin D comes from eating foods such as oily fish or eggs.</p>

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