







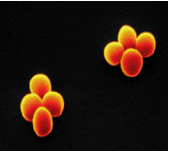




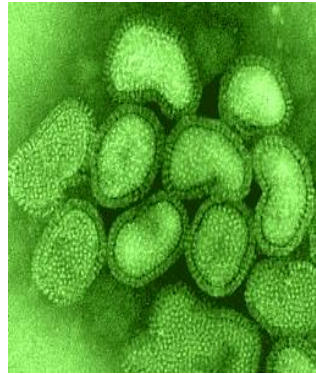

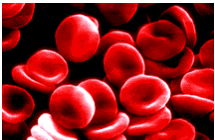




6B MICROORGANISMS

<h2>Glossary</h2> <p>bacteria – micro-organisms that can be divided into two groups – harmful or beneficial</p>	 <p>fungi</p>  <p>mould</p>  <p>yeast</p>	 <p>Immunisation builds resistance to harmful micro-organisms and helps protect us from disease.</p>	 <p>Micro-organisms can only be seen under a strong microscope and are also known as microbes</p>	<p>infection – the process by which harmful micro-organisms enter</p> <p>microbe – another word for a micro-organism</p>
<p>beneficial bacteria – these bacteria do useful jobs in our bodies and in our environment e.g. the bacteria in our digestive systems that help with the breakdown of food</p>	 <p>Microscope</p>   <p>Beneficial bacteria are useful to us</p>  <p>This harmful bacteria causes infection and makes you poorly.</p>	 <p>A single celled organism only has 1 cell; this one is found in plankton in the sea and is called Radiolarian.</p>	<p>We humans are multi-cellular organisms</p> 	<p>micro-organisms – very small living organisms that can only be seen under a high powered microscope</p>
<p>cell – the building blocks of all organisms</p>				<p>microscope – an instrument that is able to magnify an image</p>
<p>decay – the process of rotting of plant and animal material that is caused by bacteria and fungi e.g. tooth decay, composting</p>				<p>mould – a fungi that assists in the process of decay – green moulds are visible on the surface of rotting fruits</p>
<p>disease – illness brought about by infection with micro-organisms</p>				<p>multi-cellular organism – an organism that is made up of many cells e.g. humans, insects, fish etc.</p>
<p>fungi – group of organisms that includes moulds and mushrooms. Some microscopic fungi can be harmful e.g. athlete's foot fungi, some are useful e.g. yeast</p>	 <p>Good hygiene helps protect us from disease.</p>	 <p>Compost is a result of the decay of rotting plant and animal material</p>	<p>A virus is extremely small and causes illness. The picture below shows influenza, commonly known as flu</p> 	<p>single celled organism – an organism that is made up of only one cell e.g. yeast</p>
<p>germ – a popular term for any micro-organism that makes you ill</p>		 <p>Washing hands is good hygiene.</p>		
<p>good hygiene – behaviour that will reduce the risks of infection e.g. washing hands</p>				<p>virus – extremely small micro-organism (smaller than bacteria – a million in a row would measure only 5mm) that can only grow and reproduce within the cells of other organisms causing illness e.g. rhinovirus is micro-organism causing the common cold</p>
<p>harmful bacteria – these bacteria can cause illness and disease</p>	 <p>Human red blood cells</p>	 <p>A high speed photo of a sneeze</p>		
<p>illness – the symptoms of a disease, accident or injury</p>	 <p>Germ is a popular term for micro-organisms which can cause illness and disease</p>			<p>yeast – a microscopic single celled fungi that produces carbon dioxide which is useful for making bread and beer</p>
<p>immunisation – a medical procedure that involves giving a body resistance to certain micro-organisms</p>				