

# Passive: Inventors and Inventions

## How is paper produced

Paper <sup>(1)</sup> \_\_\_\_\_ (produce) from wood. The fibres of wood from trees <sup>(2)</sup> \_\_\_\_\_ (mix) with water until they become a soft wet pulp, which <sup>(3)</sup> \_\_\_\_\_. (dry) This method of papermaking <sup>(4)</sup> \_\_\_\_\_ (introduce) in the 2nd century BC in China. However, early writing material <sup>(5)</sup> \_\_\_\_\_ (always/not make) from wood. In fact, the word *paper* comes from papyrus plants which <sup>(6)</sup> \_\_\_\_\_ (use) by the Egyptians to make a form of paper in 3,000 B.C. When machines for paper making <sup>(7)</sup> \_\_\_\_\_ (invent) in the 19th century, paper became easy to afford.



## Who doesn't like sweets

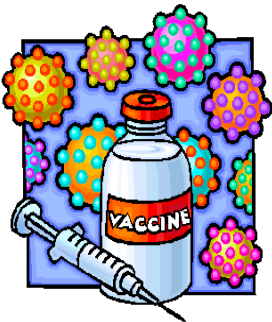


Who doesn't like sweets? Sweets <sup>(1)</sup> \_\_\_\_\_ (love) by people everywhere – and not only by children. At our house, a sweet dessert <sup>(2)</sup> \_\_\_\_\_ (enjoy) by the whole family after every meal. My favourite dessert <sup>(3)</sup> \_\_\_\_\_ (invent) many years ago – by mistake!

One day in 1905, a drink <sup>(4)</sup> \_\_\_\_\_ (leave) outside by an eleven-year-old boy named Frank Epperson. The drink had a mixing stick in it. It was very cold that night and the drink froze. When the frozen drink <sup>(5)</sup> \_\_\_\_\_ (take) out of the cup, it stayed on the stick. That's how the first ice lolly <sup>(6)</sup> \_\_\_\_\_ (create). Of course, ice lollies <sup>(7)</sup> \_\_\_\_\_ (not sell) in shops immediately. After all, their inventor was only a boy! But eighteen years later, Frank Epperson opened an ice lolly factory.

Today, millions of his sweets' creations <sup>(8)</sup> \_\_\_\_\_ (eat) worldwide.

## Why were vaccines a great innovation?



Disease is one of man's greatest enemies. Between 1347 and 1351, about 25 million people in Europe <sup>(1)</sup> \_\_\_\_\_ (kill) by the Black Death. Before vaccines, people <sup>(2)</sup> \_\_\_\_\_ (not protect) from disease. The first vaccine <sup>(3)</sup> \_\_\_\_\_ (make) in about 1800, but the theory <sup>(4)</sup> \_\_\_\_\_ (not understand) for another 50 years. Today, vaccines <sup>(5)</sup> \_\_\_\_\_ (give) to most children in developed world, but more vaccines <sup>(6)</sup> \_\_\_\_\_ (need) in poorer countries.