

Science Assignment

a) Plastic such as PVC or polythene do not react with chemicals. They are said to be chemically inert. This makes them useful for storing acid, alkalis and other corrosive chemicals. However, their inertness and also the fact that microbes cannot act on plastics and disintegrate them, creates a major problem. More and more plastic that degrade or now being designed. Chemists have worked out the following method to make degradable plastic.

Plastic that absorb light : The light breaks down the polymer chain. The plastics therefore breakdown into small bits which degrade more quickly.

Plastic made by bacteria : New plastic have been made by using bacteria the bacteria or grown and their produce granule of a plastic . This plastic is totally biodegradable it breaks down completely in about 9 months .The problem however is that it is very expensive.

Soluble in water : A new plastic has been designed that is soluble in water.

Find out more about biodegradable plastics. Make a file on your finding about biodegradable plastic

b. Make a creative item with waste plastic and paste your picture along with it in the file (4-5 pictures -making process to final product).