

The background of the slide is a light green color with a pattern of faint, overlapping hexagons. A white rectangular box is positioned on the right side of the slide, containing the text. The top portion of this box is a solid dark grey color.

# Plastics – Exam Questions

# 2012 - Ordinary

Most plastics are made from

Most plastics are **non-biodegradable**. What is meant by non-biodegradable?

Alcohol

Water

Crude oil

# 2011 - Higher

Pollution by non-biodegradable plastics, produced from petroleum, has a significant damaging effect on the environment. Give **two** of these damaging effects.

Explain the term *non-biodegradable*.

A biodegradable bottle is shown in the image. Some are made from starch, vegetable oil etc., and are called bioplastics. Others are made from petroleum with additives. Suggest an advantage of bioplastics over petroleum-based biodegradable plastics.

# 2009 - Ordinary

From which **raw material** are most plastics manufactured?

Plastics can be non-biodegradable i.e. they do not decompose. Give **one reason** why this affects the environment.

## 2007 - Higher

Name a ***raw material*** used to make plastics.

Some plastics are non-biodegradable.  
Explain the underlined term.

## 2007 - Ordinary

Plastics are widely used to make bottles, lunchboxes etc.

From which material listed on the right are most plastics manufactured?

Give **one reason** why plastics are suitable for the uses above.

Alcohol  
Crude oil  
Water

## 2006 - Higher

Different plastics have different properties. The dust pan and brush set shown is made from **two different plastics**. The bristles are made of **type A** and the other parts are made of **type B** plastic.

Give **one property** of **type A** and **one property** of **type B** plastic that that make them suitable for their use in this product.



# 2006 - Ordinary

**Name** the raw material used in the making of plastics

**Explain** what is meant by the term non-biodegradable.