

READING – PREFIX ‘RE-‘

New Recyclable Plastic

People make plastic products by mixing the plastic with additives. The additives make it difficult to recycle the plastic. To recycle plastic things, people grind them up first, but this new material is not easy to use again.

A laboratory in California made a new type of plastic to deal with this problem. When scientists put the new plastic in a high-acid solution, the plastic and the additives break apart. People can then easily reuse the plastic.

The scientists hope that this new plastic will help the planet and that there will be less plastic.

1) Match the words to their meanings:

mix	a thing that people add/put in to help make something
additive	to look forward to with desire and reasonable confidence
deal	to combine (substances, elements, things, etc.) into one mass
high-acid solution	to take action with respect to a thing or person
hope	a mixture with a lot of acid—acid helps to break up things

2) Write the two words that have the prefix re- attached to them:

3) True or False:

a) Plastic products are made by mixing plastic with additives.

True

False

b) The additives make impossible to recycle plastic.

True

False

c) The laboratory from California mixes plastic with additives.

True

False

d) The high-acid solution breaks the plastic additives apart.

True

False

e) This new plastic will help the planet by reducing the plastic.

True

False

4) Reorder the highlighted words:

a) A **CTISENITS** is an expert in science.

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b) **NECGYCIRL** is the process of collect and often reprocess discarded materials for reuse.

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c) The Earth is a **N L A T P E**.

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d) The problem was very **FCIUDTILF** to understand.

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5) What is the scientists idea to solve the plastic problem in the world?