# English Language Worksheet

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TA.2021/2022

Unit/Tema : 4/ Kinds of Energy

Periode Pembelajaran : March 2022 – June 2022

| **Name:** | **Score** | **Signature** | |
|---|---|---|---|
| **Grade:** | | **Teacher's** | **Parent's** |
| **Day/Date:** | | | |

I. Fill in the blanks below with the information from the text you read.

1. Write down 3 facts about glass and recycling!

| Fact 1 | Fact 2 | Fact 3 |
|---|---|---|
| | | |

2. Write down 3 steps that explain how glass is recycled!

| | |
|---|---|
| 1st | |
| 2nd | |
| 3rd | |

LIVEWORKSHEETS

# How Is Glass Recycled?

Recycling glass is a good way to help the environment. Not only does it help to reduce the waste, but it also saves energy. Glass that is made from recycled glass create 20% less air pollution and 50% less water pollution than using normal glass. Recycling glass also frees up space in landfills.

The recycling process begins with people making the decision to throw their glass products into the recycling bin. When people recycle glass bottles, they are taken to a place called a recycling plant. At the recycling plant, the bottle tops and lids are removed. Then the glass is sorted by type before being washed. This ensures that the glass is clean and uncontaminated.

After that the glass is crushed up into tiny pieces. This prepares the glass for the melting process. Glass that is crushed and ready to be melted is called cullet. The crushed glass travles by truck to a bottle factory. It is then mixed with a substance called silica sand and melted at high temperatures in a furnace. When the glass becomes hot enough (between 1400 and 1550 degrees Celsius), it turns into a liquid and is pulled out of the furnace. It is then thrown into machines that shape the glass into bottles and jars.

The newly recycled glass is then sent back to the shops to be reused. Recycled glass is just as strong as new glass. Glass is 100% recyclable. This means that glass bottles can be recycled over and over again without losing quality or purity.

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