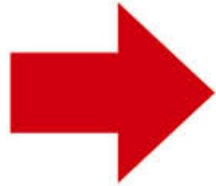




# Are You Ready?

Listen to me.



Eyes on me.



## FAST READING

Classic English Junior Level 6 - Unit 13 Wonders

Lesson

2

# Green Product Design



# Lesson Structure

<b>1</b>	Learning Objective
<b>2</b>	Warm-up
<b>3</b>	Reading Preparation—Vocabulary
<b>4</b>	Genre
<b>5</b>	Fast Reading
<b>6</b>	Wrap-up

You are going to read an article called “Green Product Design”.

In the article you will learn:



### **Genre**

Newspaper Article



### **Key Words and Phrase**

sustainable, consume, erase, create, replace, vital,  
drain, take advantage of

# Warm-up

02:00

Write or draw at least three things that might harm the environment in the circles.





# Let's Go!





# Reading Preparation—Vocabulary

**02:00**

Learn and say.



**sus•tain•a•ble** adj



It's better for people to use **sustainable** energy, including solar, wind, etc.



**con•sume** v



Electric cars **consume** less fuel than ordinary cars.

Use a **key word** to make a sentence:

\_\_\_\_\_

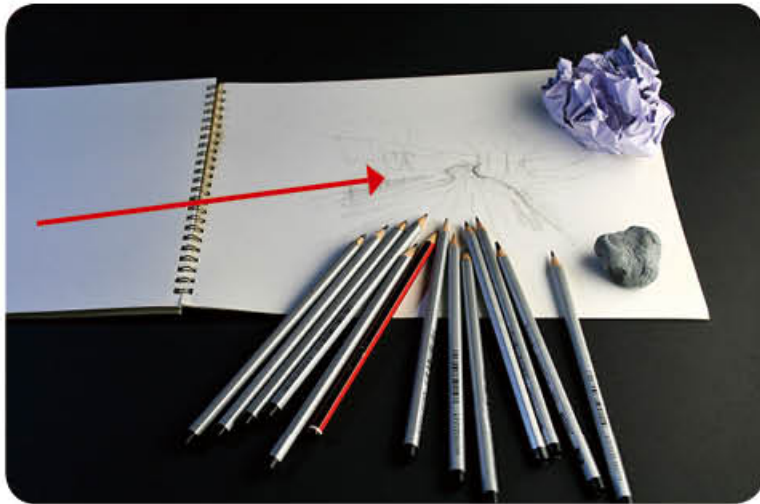
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\_\_\_\_\_

# Reading Preparation—Vocabulary

**02:00**

Learn and say.

**e•rase**

Pencil marks can be **erased** with an eraser.

**cre•ate**

Some people believe the universe was **created** by a big explosion.

Use a **key word** to make a sentence:



# Reading Preparation—Vocabulary

**02:00**

Learn and say.

**re•place** v

Emma's mom decided to **replace** the bulb with an energy saving one.

**vi•tal** adj

Water is **vital** for life on earth.

Use a **key word** to ask a question:

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

# Reading Preparation—Vocabulary

**02:00**

Learn and say.

**drain** *n*

The **drain** has been cleared up and is in use now.

**take advantage of**

They **take advantage of** solar energy to make electricity.

Explain a **key word** or a **phrase** with your own words:



# Let's Read!







Dec. 5th, 2016

## WEEKLY NEWS

PAGE 11

Technology focus

### Green Product Design

By Nancy

As our natural resources continue to be overused, many creative product designers are devoted to **sustainable** fashion. Now let's have a look at two of their most amazing designs!

#### The PrePeat Printer

Do you often see people dealing with printed files? Have you ever thought about the problems printers have caused? Well, the first trouble is paper.



What are many creative product designers devoted to?



We use too much paper these days. The second is the toner. As the printers work, they **consume** toner as well.

To deal with these two problems, a Japanese company has **created** an inkless, tonerless

and rewritable printer. The product is called the PrePeat, which requires plastic paper. Does it sound incredible? Now let's see how it works!



**toner** *n*

ink used in  
printers



**What are the three features of the PrePeat?**





There is one thing called leuco dye. It changes color with temperature. They are colored when cool and clear when hot. Because of its feature, the inventors chose to use it in printing.

The PrePeat printer heats and cools the paper to first **erase** an image, and then create a new image in its place. According to the company, a single sheet of paper can be reused 1,000 times before it needs to be **replaced**! Isn't that wonderful?



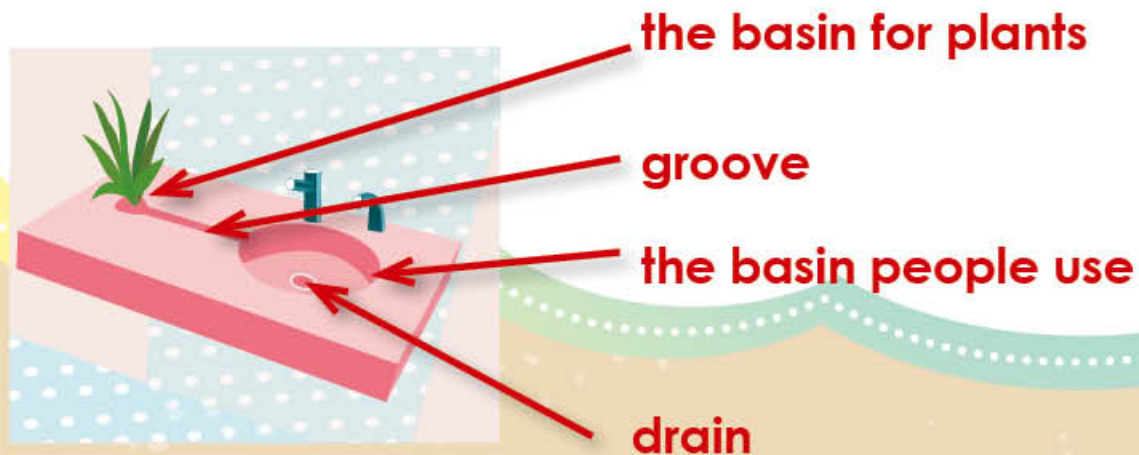
**According to the company, how many times can a single sheet of paper be used?**

## Zen Garden Sink

Compared with paper, water seems more **vital** to us.

Gau Design's Zen Garden Sink now helps us to save water.

Firstly, let's look at the structure of the Zen Garden Sink.



Next, let's see how it works. When you wash your hands, the used water flows slowly down the groove and waters a little plant sitting in the basin for plants. Every detail must be carefully designed so that the water flows smoothly from one basin to another.



**Why must every detail be carefully designed?**



# Fast Reading

03:00

In order not to get the soap on plants, there is a main **drain** at the bottom of your basin for washing away the soap. Therefore, your little plant is safe from the soap. Simple as it is, it **takes advantage of** the wasted water in our homes.

With all the water coming out of our tap, don't you want to have your own sink garden? Are you inspired by these two inventions? Think about it and take the actions needed to help protect the environment. You might be the next "green" inventor!



**What is the use of the main drain at the bottom of the basin people use?**



# Wrap-up

02:00

# I Can Do It

Today we read a newspaper article about green product design.

## Genre

Feature of a newspaper article:

- Column

## Key Words and Phrase

- sustainable
- consume
- erase
- create
- replace
- vital
- drain
- take advantage of



# See You Soon!

**51TALK**

