

# Reduce reuse recycle

## Recycling project



# how long it takes to decompose:

Paper: 3 to 6 months

Journal : 6 months

Toothpick : 6 months

Cigarette butt : 20 months

Pieces of cloth : 6 months to 1 year

Biodegradable disposable diaper : 1 year

Gumball : 5 years

Styrofoam : 8 years

Steel cans : 10 years

Nylon : over 30 years

Tin and plastic cups : 50 years

Plastic : 100 years

Bottle caps : 150 years

**Plastic bottle : 400 years**





The pet bottle is the most common drinks container on today's market. Although pet bottles can be recycled, many people still throw them in the trash, contributing to environmental pollution, as pet bottles take more than 10 years to decompose completely.

**what can I make  
from plastic  
bottles?**



## Bottle light

The bottle light takes advantage of the many colors and shapes available to create a completely new lighting. People choose the color they wish, squeeze randomly, and finally screw the twisted bottle into the LED module's aluminium enclosure.

This easy installation is suitable for any size or shape of PET bottle and the end result is a beautiful environment created by the colorful and varied refractions of light.





## coin purse

A couple of the leftover bottom pieces from the [recycled plastic bottle project](#) above – and a zipper – are all you need to make a one-of-a-kind coin purse. The zipper is sewn in using a needle and thread.

If you care about  
the planet he will  
take care of you.

