# GARBAGE: A RECYCLING LOVE STORY

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# PURPOSE/ OVERVIEW

- STUDENTS WILL GAIN AN UNDERSTANDING ABOUT GARBAGE AND RECYCLING

# NATIONAL GEOGRAPHIC STANDARDS FROM *GEOGRAPHY FOR LIFE*

- STANDARD 16. THE CHANGES THAT OCCUR IN THE MEANING USE, DISTRIBUTION, AND IMPORTANCE OF RESOURCES.

# OKLAHOMA ACADEMIC STANDARDS FOR SOCIAL STUDIES

- CONTENT STANDARD 5: THE STUDENT WILL ANALYZE THE INTERACTIONS OF HUMANS AND THEIR ENVIRONMENT

# OBJECTIVES

- WHY IT IS IMPORTANT TO RECYCLE
  - WHAT CAN BE RECYCLED
  - HOW THEY CAN RECYCLE

# HOW LONG WILL IT LAST?

# HOW LONG UNTIL IT'S GONE?

Estimated decomposition rates of common marine debris items

Estimated individual item timelines depend on product composition and evironmental conditions.

Source: NOAA (National Oceanic and Atmospheric Administration), US / Woods Hole Sea Grant, US
Graphics: Oliver Lüde / Museum für Gestaltung Zürich, ZHdK

# GARBAGE FACTS

- THE AMOUNT OF TRASH BURIED IN LANDFILLS HAS DOUBLED SINCE 1960.
- AMERICANS GENERATE 251.3 MILLION TONS OF GARBAGE PER YEAR.
- 65% OF THE TRASH COMES FROM RESIDENCES
- 35% COMES FROM BUSINESSES, HOSPITALS, AND SCHOOLS.
- FOR EVERY POUND OF GARBAGE GENERATED BY PEOPLE, ABOUT 7 POUNDS OF WASTE ARE PRODUCED IN THE MANUFACTURING PROCESS

http://www.thelivingcoast.org/wp-content/uploads/2012/05/TrashFacts.pdf

# GARBAGE FACTS

## IN AMERICA

- PAPER MAKES UP 40%
- GLASS MAKES UP 7%
- PLASTICS MAKE UP 8%
- TEXTILES MAKE UP 11%
- CORRUGATED CARDBOARD MAKES UP 14 %

# WHERE DOES IT GO?

- 55 % Landfills
- 33 % Recycled
- 12 % Incinerated

# WHY RECYCLE

- TO MAKE ENVIRONMENT CLEAN
- CONSERVATION OF MATERIALS
- TO SAVE ENERGY
- REDUCE GARBAGE IN LANDFILLS

https://www.conserve-energy-future.com/importance_of_recycling.php

# SO WHAT CAN YOU DO?