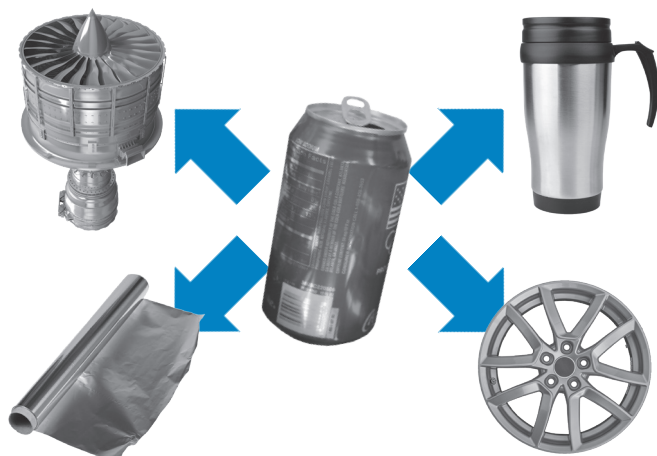


ALUMINUM CANS



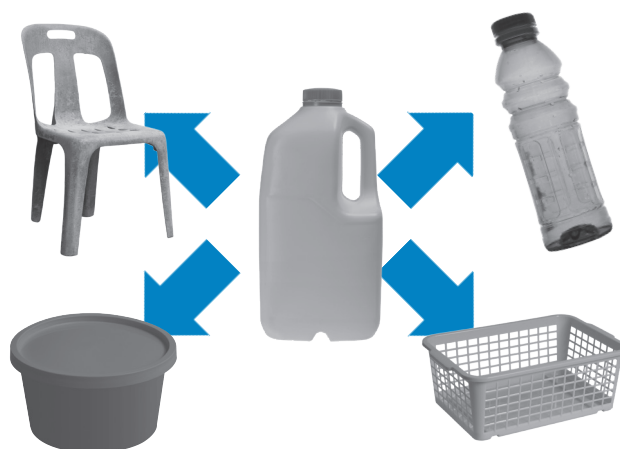
STEEL CANS



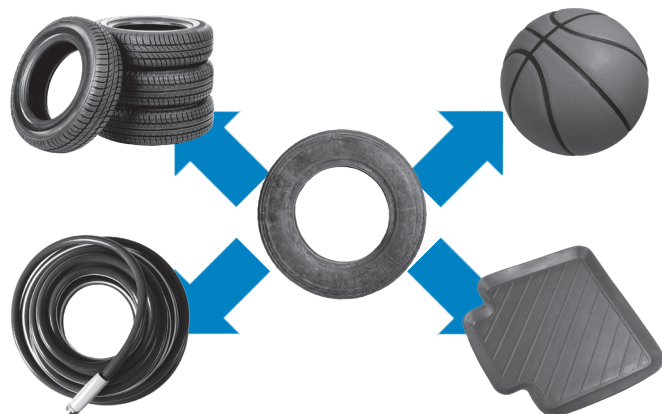
GLASS BOTTLES & JARS



PLASTIC BOTTLES, JARS & JUGS



TIRES



PAPER



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S.C. Science Standards for Grades K, 2, 5 & 7

KINDERGARTEN

K-ESS2-2	Construct an argument supported by evidence for how plants and animals (including humans) can change the environment to meet their needs.
K-ESS3-3	Obtain and communicate information to define problems related to human impact on the local environment.

DISCIPLINARY CORE IDEA (DCI):

ESS3.C: Human Impacts on Earth Systems	Things that people do to live can affect the world around them. But they can make choices that reduce their impacts on the land, water, air and other living things.
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CROSSCUTTING CONCEPTS (CCC):



Cause and Effect:

Events have causes that generate observable patterns.

GRADE 2

2-ESS3-1	Design solutions to address human impacts on natural resources in the local environment.
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DCI:

ESS3.C: Human Impacts on Earth Systems	Things that people do to live can affect the world around them. But they can make choices that reduce their impacts on the land, water, air and other living things.
--	--

CCC:



Cause and Effect:

Events have causes that generate observable patterns.

GRADE 5

5-ESS3-1	Evaluate potential solutions to problems that individual communities face in protecting the Earth's resources and environment.
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DCI:

ESS3.C: Human Impacts on Earth Systems	Human activities in agriculture, industry, and everyday life have had major effects on the land, vegetation, streams, ocean, air, and even outer space. But individuals and communities are doing things to help protect Earth's resources and environments.
--	--

CCC:



Systems and System Models:

A system can be described in terms of its components and their interactions.

GRADE 7

7-ESS3-3	Apply scientific principles to design a method for monitoring and minimizing a human impact on the environment.
7-ESS3-4	Construct an argument supported by evidence for how increases in human population and per-capita consumption of natural resources impact Earth's systems.

DCI:

ESS3.C: Human Impacts on Earth Systems	Human activities have significantly altered the biosphere, sometimes damaging, or destroying natural habitats and causing the extinction of other species. But changes to Earth's environments can have different impacts (negative and positive) for different living things. Typically, as human populations and per- capita consumption of natural resources increase, so do the negative impacts on Earth unless the activities and technologies involved are engineered otherwise.
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CCC:



Cause and Effect:

Relationships can be classified as causal or correlational, and correlation does not necessarily imply causation.



Cause and Effect:

Cause-and-effect relationships may be used to predict phenomena in natural or designed systems.