

Garbage

What does this photograph show? The planet Earth is made up of three substances. Who remembers what the green and brown areas on the planet are? What is the blue area? The white areas are clouds.



Garbage

What is the substance that surrounds the earth in which the clouds are floating? Why are these substances (land, water and air) important to living things? How do living things use land, water and air?



Garbage

The title of today's read aloud is "Garbage". What do you think garbage has to do with taking care of the earth?

Look at the trash can in our classroom. What do you think happens to this garbage after it is thrown out of this trash can?



Garbage

Where do you think the garbage goes? Pay attention to the read aloud to see if your predictions are correct.



Garbage

Today you will learn about what happens to garbage after you throw it in the trash can. Listen carefully to the read aloud to find out more about today's topic: garbage.

Remember, Earth will be pretending to "talk" to you.



Garbage

Hi, Good Old Earth here again. I thought I'd start by showing you a different view of me. This is what I look like from the moon. Pretty amazing, huh? I look really small from way up there. It's hard to believe that all of you people--along with your cities, farms, schools, stores, cars and houses--fit on Earth. But you do!



Garbage

Today, I'm going to talk to you about something very important: garbage. That's right, stinky, ugly garbage. Some people also call it trash, waste, junk or rubbish. Whatever you call it, it's all the same: stuff you've used and don't need anymore. Trash is probably not something you think about a lot, but you deal with it every day, and so do I.



Garbage

There's an awful lot of trash on me, and--not to make you feel bad or anything--all of that trash comes from people.



Garbage

Imagine that you go to a birthday party, and they give you some cake and ice cream. And let's say they serve it all on little paper plates, and they give you a paper napkin and a plastic spoon to eat with.



Garbage

You gobble up all the food,
and then what do you do with
the plate, napkin and spoon?
Do you push them under the
sofa and forget about them?
Do you open up the windows
and throw them in the
backyard? I hope not!



Garbage

Instead, you put the napkin, plate, and spoon in the trash can. A trash can is sometimes called a garbage can or a wastebasket. Whatever you call it, it's the place where you throw away your trash.



Garbage

What is this man doing?
He's taking out the trash.
I'm guessing this trash can is
in his kitchen. Where else do
you have trash cans in your
house? Some people have one
in every room. Lots of people
keep one in the bathroom.



Garbage

Is there one in your classroom? How about your school's cafeteria? Which one is bigger?

So, why is this man taking out the trash? Because the trash bag is full. But then what does he do with it?



Garbage

Where do you think the trash goes next?



Garbage

He'll probably take it outside to a bigger trash can, or maybe to a dumpster. A dumpster is a large trash container that may be next to large buildings. Do you have a dumpster near where you live, or do you just have a large trash can outdoors?



Garbage

Once people have thrown their trash bags into a dumpster or an outdoor trash can, they might think, "Out of sight is out of mind." That means they stop thinking about the trash because they can't see it anymore. But I don't stop thinking about it, and I hope you won't either.



Garbage

About once a week, garbage collectors come along in a big garbage truck, pick up the trash can or dumpster, and dump its contents into the back of the truck. And then what do they do? Do they park the truck on the edge of town and leave it there? Do they launch the truck into outer space? Do they call up a magician and ask him to come and make the trash disappear?



Garbage

Where do you think the
garbage truck takes the trash?



Garbage

In many places, they take it to the nearest landfill. Some people call the landfill a dump, because that's what you do: you dump your trash there. However, I-- Good Old Earth--prefer to call it the landfill to remind people that all they're doing is burying their trash inside me.



Garbage

A landfill is a place where garbage is dumped and buried.

This might look like a lot of trash, but trust me when I say that what you see in this picture is just a teeny, tiny bit of all the trash people around the world make every single day!



Garbage

Once the piles of trash in the landfill are big enough, bulldozers move in and push dirt on top of the trash.

Why bury the trash? It goes back to that idea of “out of sight, out of mind.” If the trash is underground, people don’t have to see it, think about it, or smell it.



Garbage

Your town or neighborhood is a much safer, healthier place to live in because all that garbage is buried underground away from where you live and play. Trust me, though, just because the garbage is buried doesn't mean it's gone--at least not for a long, long time.



Garbage

After it's buried, some of the garbage starts to rot, or decompose. That means the trash breaks down into smaller and smaller pieces and becomes part of the soil underground.



Garbage

Trash that was food usually decomposes pretty quickly. The paper plate from the birthday party will decompose, too, but it will take longer than food. It may take several years for the paper plate to decompose.



Garbage

What about the plastic spoon? Unfortunately, plastic doesn't rot like food and paper. So, that spoon may lie around for hundreds or even thousands of years before it ever breaks down and becomes part of the earth again.



Garbage

Every landfill gets filled up eventually and a new landfill is needed so people can dump their trash. This picture shows an old landfill that has been closed. Most of the garbage is buried and slowly decomposing underground.



Garbage

Why do you think more garbage can't be dumped in this landfill?

As you can see, plants can start to grow on the land again, and some animals may even move back in and make their homes there.



Garbage

But landfills can be dangerous. So much garbage underground means that there could be hazardous or dangerous gases and chemicals in the area. The bad gases and chemicals go back into the soil and air, and can even get into the water supply underground.



Garbage

This hurts the living things
that live on Earth, breathe the
air, and drink the water.
Using this land again costs a
lot of money and requires a
lot of hard work and time.



Garbage

In most cases, land like this will remain a dangerous place for many, many years to come. The garbage you drop in the trash can today is out of sight, but it shouldn't be out of mind.



Garbage

So, where does the garbage go?
What does the amount of
garbage that we throw away
have to do with taking care of
the earth?



Garbage

Comprehension Questions:

Literal

PLEASE answer in
COMPLETE sentences.

What is the main topic of the read aloud?

Garbage

Comprehension Questions:

Literal

PLEASE answer in
COMPLETE sentences.

What are some other names for garbage?

Garbage

Comprehension Questions:

Literal

PLEASE answer in
COMPLETE sentences.

Who creates all the trash on Earth?

Garbage

Comprehension Questions:

Inferential

PLEASE answer in
COMPLETE sentences.

Describe what happens to a piece of garbage
after you throw it away.

Garbage

Comprehension Questions:

Inferential

PLEASE answer in
COMPLETE sentences.

Imagine you are standing near a landfill.
Describe what you might see and smell.

Garbage

Comprehension Questions:

Inferential

PLEASE answer in
COMPLETE sentences.

Why can a landfill be a dangerous place?

Garbage

Comprehension Questions:

Inferential

PLEASE answer in
COMPLETE sentences.

Why is it important to think about where our garbage goes?

Think Pair. Share.



I'm going to ask you a question. I will give you a minute to think about the question, and then I will ask you to turn to your neighbor and discuss the question. Finally I will call on several of you to share what you discussed with your partner.

Think Pair. Share.

Evaluative:



What can you do to create less garbage?

Word Work

Explicit Vocabulary Instruction

Garbage

In the read aloud you heard, “So much garbage underground means that there could be **hazardous** gases and chemicals in the area (around landfills).”

Say the word **hazardous** with me.

Whisper hazardous to the ceiling.

Whisper hazardous to your neighbor.

Let's clap it out.

Garbage

Hazardous means very dangerous.

Crossing the street without looking both ways could be very hazardous.

Garbage

Tell about something that is hazardous to people.
Try to use the word hazardous when you tell
about it.

“One thing that is hazardous to people is...”

Garbage

*What's the word we have been talking
about?*

Let's clap it out.

Garbage

The opposite of hazardous is safe. If any of the things I say are hazardous, say, "That is hazardous." If any of things I say are safe, say, "That is safe."

Garbage

Throwing trash into the river.

Garbage

Crossing the street when the crossing guard tells you to.

Garbage

*Wearing a seatbelt when you are in a
car.*

Garbage

Eating something you are allergic to.