

# Episode 6

## Agents of Change for a Greener World



# Episode 6 Overview



## Materials Needed

- Plastic Bottle(s)
- Old newspapers
- Old T-shirts
- Paper
- Scissors
- Markers
- Craft glue
- Phone
- Craft Paint (optional)
- Skewer/ other round & thin stick
- Phone

Today, we will talk about why winters are changing around the world, why it's getting hotter and what can we do about it?

Have a discussion with your friends about the following:

What is climate change?

How is climate change caused?

Who is to blame for climate change?

What can we do to reduce our contribution to climate change?

## Biodegradable and non-biodegradable materials

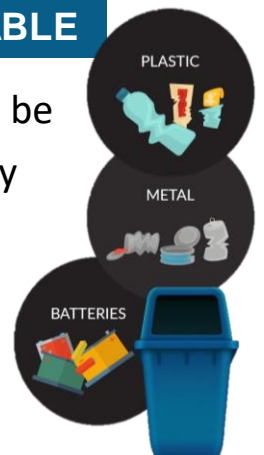
Our environment has micro-organisms such as bacteria that break down (decompose) substances which go back into the soil. However, not all materials undergo this process.

### BIODEGRADABLE

Materials that can be broken down naturally in the environment.

### NON BIODEGRADABLE

Materials that cannot be broken down naturally in the environment.



Observe what your family throws into the trash can for a day. Categorize the wastes as biodegradable and non-biodegradable.

# Climate Change

**Recycling** is the process of taking materials ready to be thrown away and converting (changing) them into reusable materials. (Eg: Waste plastic bottles can be broken down in factories to make new plastic bottles.)



## REDUCE

Which plastic items can you use less?

## RECYCLE

Which plastic items can you recycle?  
Are there Recycling Bins in your area?



Answer the following questions:



## REUSE

Which plastic items can you use again?

## REPLACE

Which plastic items can be replaced with something biodegradable?



**Upcycling** means to use old things creatively and make something new out of them without changing its state too much.



Waste plastic bottles

RECYCLE



Road made using plastic

UPCYCLE



Toy cars from plastic bottles.

Think of 3 ways you can upcycle a plastic bottle?  
Try out the example in the following page!

**Materials Required:**

- A clean and empty plastic bottle
- Scissors
- Marker Pen
- Glue
- 4 extra bottle caps
- Craft knife (adult assistance)
- Upcycled craft paper
- Paint

**Steps:**

1. Clean and dry the bottle
2. Measure the middle section of the plastic bottle and cut pink paper that is long enough to go around the bottle
3. Draw a small rectangular strip enough to fit a coin or folded paper money on the paper and the bottle
4. Using the support of an adult, cut out the rectangular strip you drew on the paper and the coin slot bottle
5. Stick the paper to the bottle while aligning the cut outs
6. Paint the lid of the bottle pink and add nostrils and eyes with your black marker
7. Draw and cut out 2 ears and a tail (twist to make it curly) and attach to the bottle
8. Use the 4 spare bottle lids as legs and you're done!





**Materials:**

- Scissors
- An old t-shirt
- Marker pen

**Steps:**

1. Cut the sleeves of the t-shirt off
2. Cut the neckline area using a giant bowl
3. Find out how deep you want the bag to be and draw a line with a marker
4. Cut fringes below the line using scissors
5. Tie the fringes of the bag tightly together to make the base
6. Your bag is ready!



## Materials:

- Old newspapers
- Craft glue
- Craft paint (optional)
- Skewer/ other round & thin stick



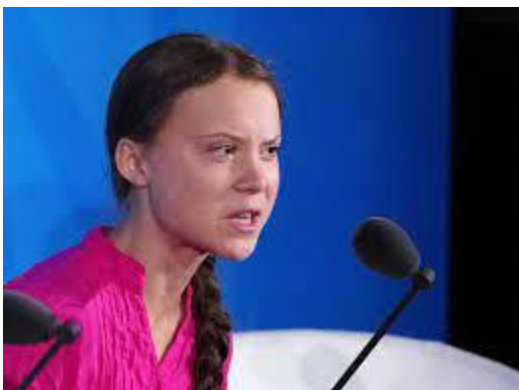
## Steps:

1. Cut open newspaper pieces halfway across
2. Roll each piece of newspaper around the stick and glue the end, creating the tubes. Once you have done so, remove the stick and set aside
3. Flatten each paper tube and then roll it to create circles, use glue to secure the ends. (Roll more than one tube, one after another, securing ends each time, to create bigger circle.)
4. Arrange circles and long pieces of the tube, stick them together to create the coaster
5. Once it is big enough, paint all over with diluted glue, leave to dry
6. Optionally, paint with craft paints or leave it in its natural (newspaper) colour
7. Once completely dry, cover it with transparent varnish (optional) on one side, let it dry and then repeat on the other side

**Activity 5**

# What can you do for Climate Change

Draw the different things that we can do to reduce our contribution to climate change. Draw as many ideas as you can think of !



This is **Greta Thunberg**, a Swedish climate change activist who began protesting for the government to reduce carbon emission. She began this at age 15, this goes to show you that anyone can have an impact, even kids! And that the little things count.



*Over 1 million animals are killed because of plastic every year.*



How can you make people more aware of the danger that they live in and how humans affect their lives?

### **Social media campaign:**

One way you could raise awareness is by posting about it on social media!



1. Decide where you want to post and what you want to create. You could create a video on Instagram, a Tiktok or a tweet etc.
2. Begin taking/collecting pictures or videos you want to share.
3. Create a catchy caption for your post
4. Create a hashtag for your campaign
5. Once you're done, post it with the world!

### **Example:**



"Swimming in the plastic sea  
One in a million chance to live  
Plastic floats and to a million friends  
every year I say goodbye"

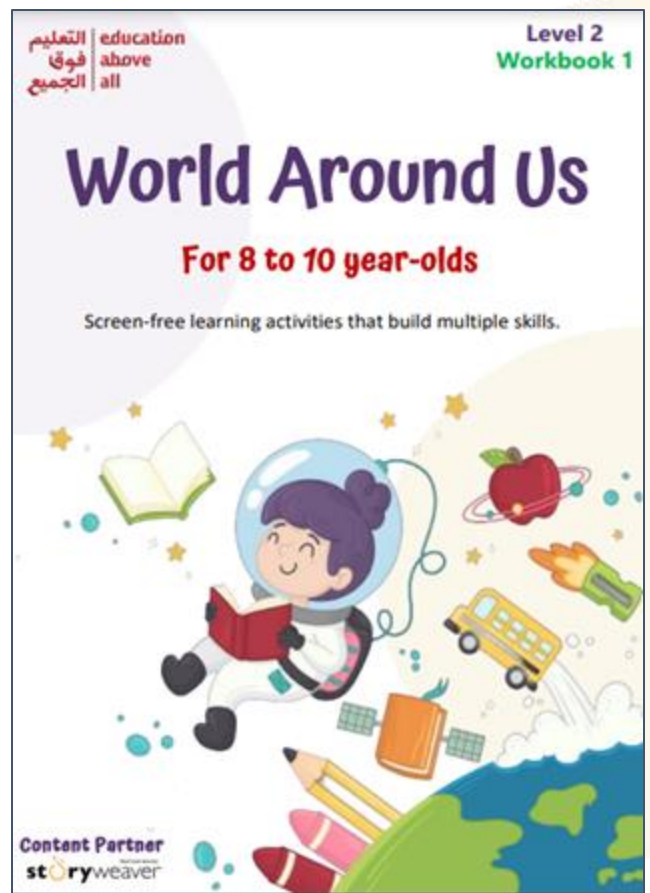
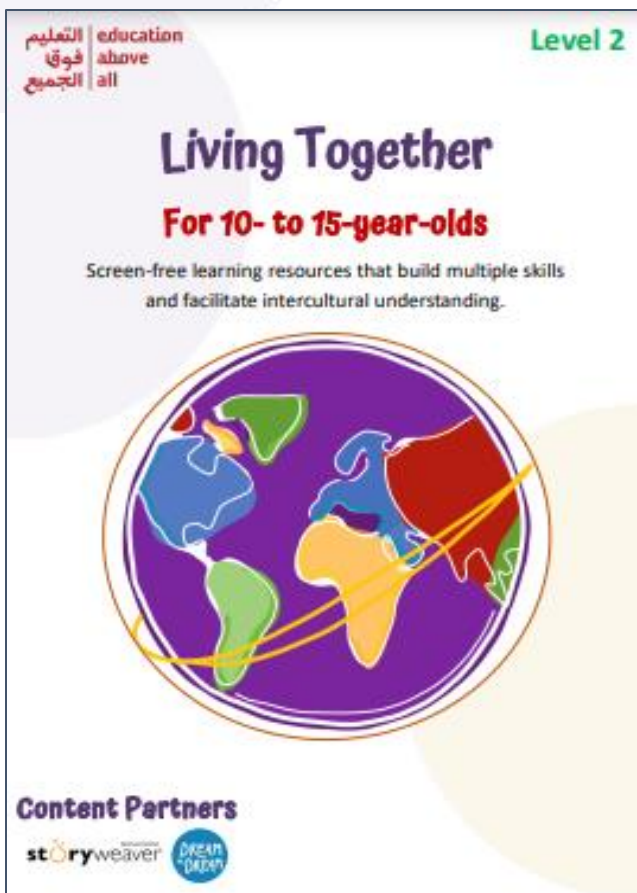
#saveamillion

# To Learn More

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<https://resources.educationaboveall.org/>

This episode was inspired by Education Above All's Living Together Package from the Ukrainian Emergency Education Response and the World Around Us Package



The Ukrainian Emergency Education Response Content is available in English, Ukrainian and Polish.