

CLIMATE CHANGE AND RECYCLING



Lesson plan

«HELLO, DEAR CLI-MATES!» Project

January 2021



**TOPIC: THE CLIMATE
CHANGE**

SUBJECTS: SCIENCE, MATHS, CIVICS

CLASS: 5TH GRADE PRIMARY

AIMS

LEARNING ABOUT HOW TO CONTRIBUTE TO PREVENTING GLOBAL WARMING FROM A CHILD'S POINT OF VIEW.

FOCUSING ON THE 3R'S WHICH GIVE GUIDELINES TO REDUCING POLLUTION.

LANGUAGE

VOCABULARY: DIFFERENT MATERIALS, RECYCLING, REDUCING, REUSING, DAYS OF THE WEEK, FREQUENCY ADVERBS, MEANS OF TRANSPORT, PARTS OF THE HOUSE.

STRUCTURES: HOW MUCH, HOW MANY INTERROGATIVE FORM.

TOOLS AND MATERIALS:

SCHOOL STATIONERY, SPECIFIC WORKSHEETS, VIDEOS, SONGS, INTERACTIVE WHITEBOARD.

Activities

- Watching and understanding a video of Greta Thunberg speech in original language with Italian subtitles.

<http://www.viewpure.com/WVAIkovOtKg?start=0&end=0>

- Speaking about the climate issue and the consequences of global warming.

- Researching about the global warming issue.

- Activities of brainstorming on how to reduce in their own little way.

- Introduction of the concept of the 3R's (Reduce, Reuse, Recycle) to tackle the global warming problem.

Phases

Each child (we can't work in groups due to Covid 19) says what he/she can do every day to reduce global warming.

Recycle: at home recycling materials, at school specific worksheet activities, surveys to be carried out among the students.

Reduce: at home reducing the consumption of energy by switching lights and devices, closing water while brushing teeth, etc..., reducing pollution by going to school on foot or by bike for example.

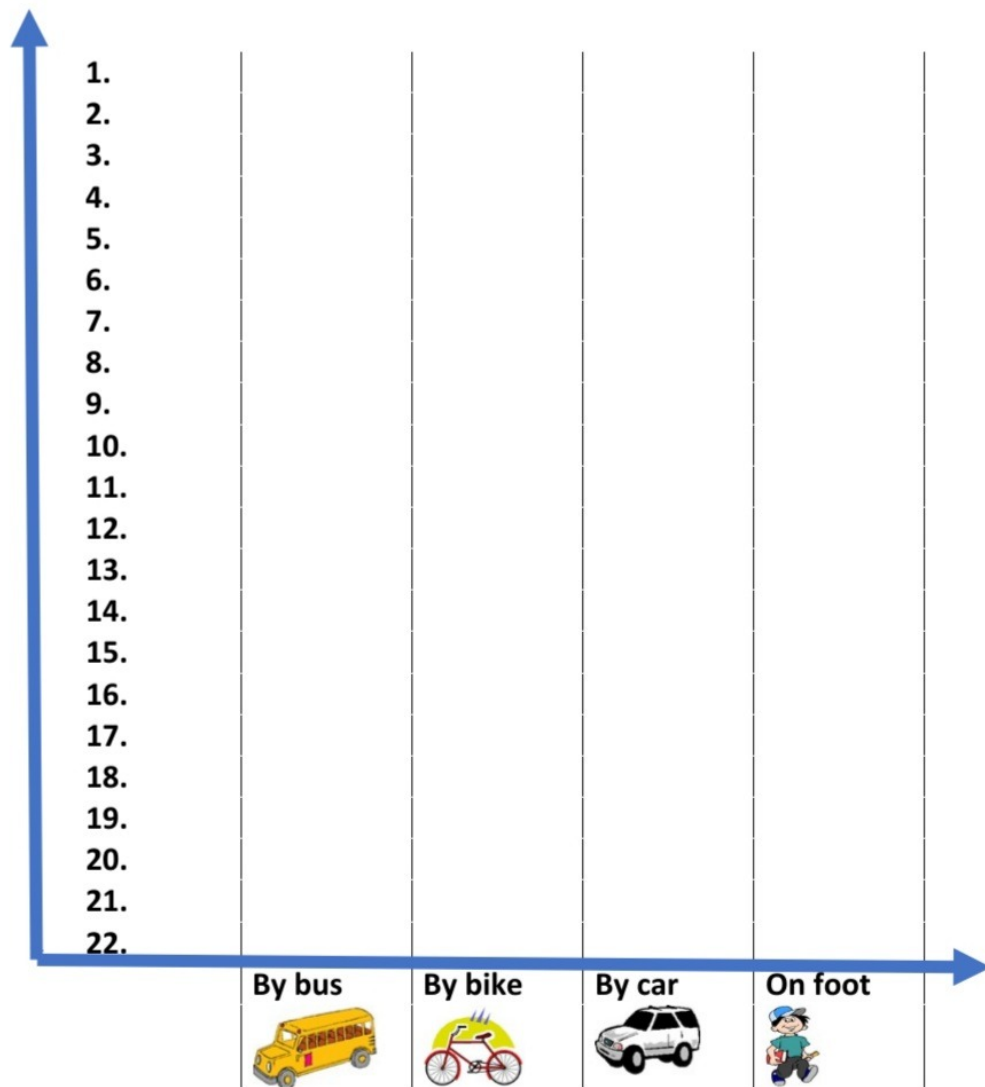
Reuse: at home reusing domestic "waste" creating crafts, using e. g. toilet rolls, plastic bottles, etc...

Conclusion

Summarizing and creating a slogan to tackle the problems.

How do you go to school?

Complete the graph.



Reuse: Let's make a puppet

Not everything we throw away is rubbish! There are lots of fun things that can be made by recycling rubbish. In this exercise you will learn how to make some puppets to tell a story.

What you need:

Small clean plastic drinks bottles, short wooden sticks, glue, scrap paper, card, wool and fabrics, scissors and elastic bands



What to do:

1. Decide on the characters that you want to make.
2. Choose your materials – think about what your character looks like to decide which materials you will need.
3. Stick your bottle on to the table to stop it rolling around while you make your puppet.
4. Make some clothes for your puppet – make a hole in the middle of some fabric, put it around the neck of the bottle and secure it with an elastic band.
5. Add some eyes and nose and mouth and hair, by sticking paper, plastic and wool to the bottle.
6. Push the stick into the neck of the bottle to finish your puppet.

Save energy and water at home

Save water



Save Energy

Lighting

Turn off lights when you leave a room. Use energy-efficient light bulbs.

Turn Off and Unplug

Turn off the TV, computer, and other home electronics when you and your family are not using them.

Save Heat

Don't leave the doors open.



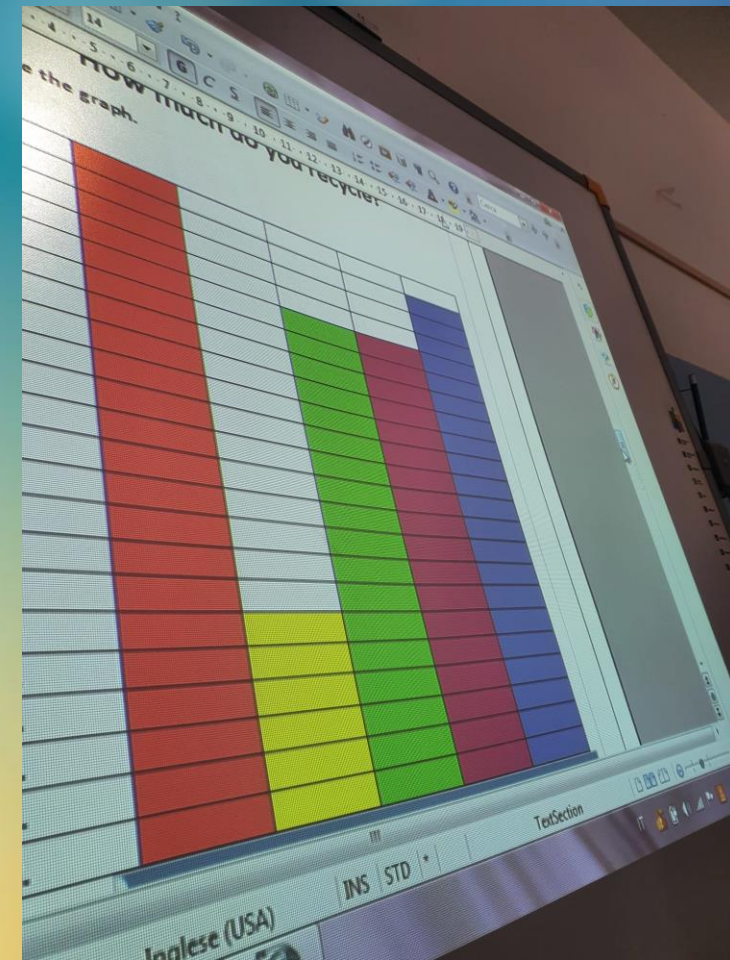


Listening to
Greta Thunberg

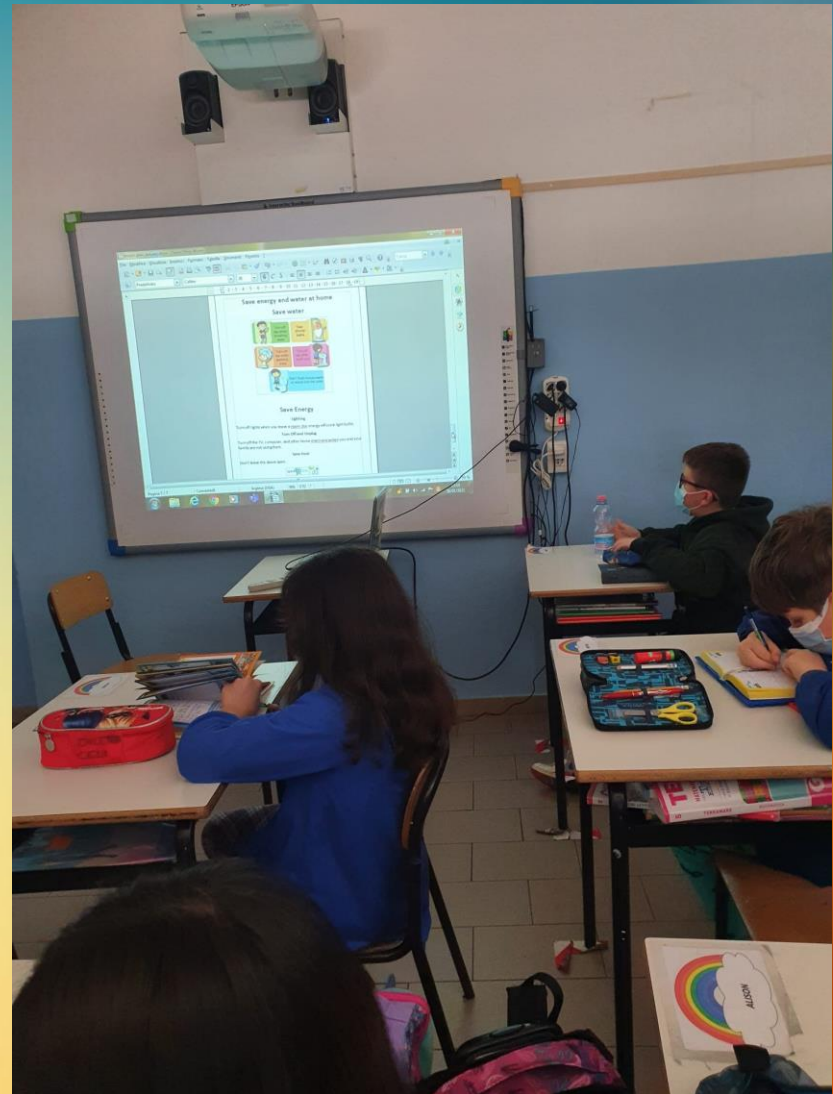


Completing the graphs

Name	Plastic	Metal	Glass	Organic	Paper
Manuela	x				
Andrea	x				
Gioele	x				
Martino	x				
Diego	x				
Diletta	x				
Alice	x				
Alison	x	x	x	x	x
Sofia	x				
Armando	x				
Azzurra	x				
Stefan	x	x	x	x	x
Vittoria	x				
Nikolas	x				
Setki	x	x	x	x	x
Noemi	x				
Desurè	x				
Emanuele	x				
Alex	x				
Sofia	x	x	x		
Davide	x				



How many children recycle paper? 18	How many children recycle aluminium? 7
How many children recycle plastic? 21	How many children recycle glass? 21
How many children recycle organic waste? 18	How many children do not recycle? 0



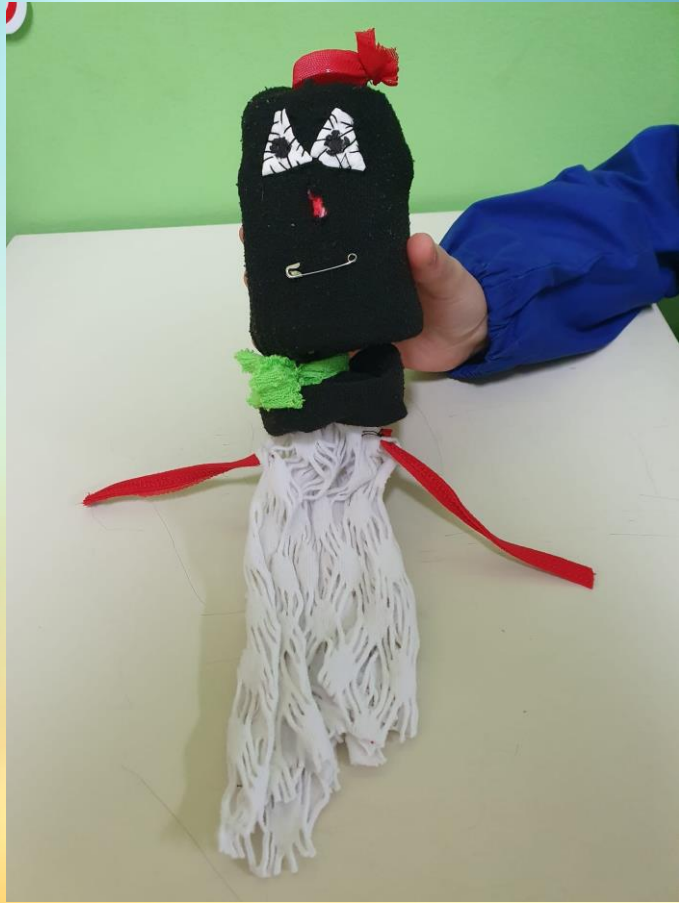
Reusing
our
rubbish!













Our slogan:

**Recycle every day,
Don't throw your rubbish away!**

