

2.3. Is it Recyclable?

Aim: To play a role in raising awareness of the immediate environment about recyclable and non-recyclable materials.

Duration: 40 minutes

Preliminary Preparation:

- The attached "Shared Reading: Is it Recyclable?" is reproduced as many as the number of students.
- The attached "Labyrinth Game" work is reproduced as many as the number of students.
- 2 weeks before the activity, students are asked to bring the following materials. Collect the materials brought by the students in a part of the school or classroom. Four separate bags (recycling hunt) are prepared by dividing at least one of each of the collected materials. In one bag, for example, one toilet paper roll, one plastic bottle, and one paper cup can be divided.

Instruction: Before the game, have a short conversation with the students about the concept of recycling. Recycling bins are mentioned.

Chiki-Chiki-Bum Bum Game

"For two weeks we have been collecting some materials in this corner of our classroom. Now I am going to show some of these materials. If you think it is recyclable, we say "chik chik" and stand up. If you think it is not recyclable, we say "boom boom" and continue to sit in our seats. I am not going to tell you whether it is right or wrong, so don't tell me. We just follow the instruction." The game is played using the materials collected.

Grouping

Using only body language, children are asked to line up alphabetically according to the initial letter of their first name or the initial letter of their last name. The starting point of the line and the direction in which it should continue are indicated. Groups of 6 are formed by counting 6 people in turn and they are directed to their turns.



Shared Reading: Can It Make a Comeback?

The attached "Shared Reading: Is it Recyclable?" page is distributed to the students. One person in the group is asked to take each title in the text, read it and then explain the title they read to their groupmates.

Recycling Hunt

When the shared reading activity is completed, the groups are asked to choose a representative. Representatives are given recycling hunting bags prepared by the teacher before the activity. Representatives take the bags to their groups. They discuss with their groups and distinguish which of the materials in the bag can be recycled and which cannot be recycled. The recyclable materials are collected and kept for the activity called 3.3. Students are told that these materials will be used in another activity. Non-recyclable products are distributed so that each student has at least one material. If there is not enough material, one material is given to each two or three students. It is carried out as group work. During the break, each student (or group, if there are not enough materials) is asked to inform at least three people (students from other classes, school staff, administrators and other teachers) about the non-recyclable materials they have. At the end of the break, students are asked who they talked to and asked to share their experiences.

Exit Ticket

The attached "Labyrinth Game" is given for them to do at school if time permits and at home if not.



APPENDIX - SHARED READING: CAN IT BE RECYCLED?

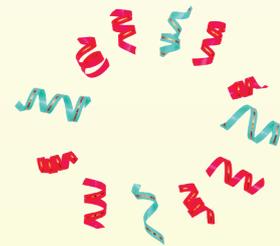
1. Takeaway coffee cups (cardboard cups)

Many of us think that cardboard cups can be recycled. Unfortunately, this is not true. This is because they are made of paper and coated with a special coating (usually wax) to hold the hot drink. This coating is made of polystyrene, a type of plastic that is soft and stretchable. Polystyrene is rarely recyclable.



2. Wrapping paper

Unfortunately, some of the wrapping paper used for packaged food and gifts cannot be recycled. Foils, glittery or even slightly shiny wrapping paper cannot be recycled because they contain additional substances and cannot be separated.



3. Adhesive tape

Adhesive tapes cannot be recycled. Therefore, adhesive tapes should be separated from the cardboard and paper to be recycled.



4. Plastic bags

Only 1 percent of plastic bags, which can take up to 1000 years to disappear and whose annual production exceeds 335 million tons, can be recycled.



5. Plastic cutlery, straws

Made from polystyrene, these products are soft and flexible. This type of plastic can rarely be recycled, so flexible plastic forks, spoons, knives and straws cannot be recycled. THEREFORE, the European Union banned the use of single-use plastics in 2021.



6. Some materials that can be recycled:

- Unused glassware
- Egg carton
- Toilet paper or paper towel roll
- Waste paper
- Waste oil
- Waste electronic materials
- Waste metals



*The above text is based on the source <https://www.netwaste.org.au/recycle-it/what-can-be-recycled/>.

APPENDIX: LABYRENT GAME



APPENDIX: LABYRINTH GAME ANSWER KEY

