



Project Erasmus+: Don't Waste, Save! The Earth Is Yours!

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AMAZING PRODUCTS MADE FROM RECYCLED WASTE

- Practical activities booklet -

The formation of ecological behaviour in small schoolchildren is one of the major objectives of the school in all countries of Europe. We have at our disposal a wide range of school and extracurricular activities in this regard. We describe here some activities of creative use of recyclable materials.

Nowadays people produce a large amount of waste. Some of the waste can become a means of education in the arts and practical skills classes in primary school, by collecting/selecting/reusing them, in order to obtain a new and useful product for children.

Objectives that we follow in activities where we use recyclable materials are:

- training children in waste collection from reusable materials;
- learning / practicing working techniques for making objects using textile waste, plastic, paper and cardboard, tin boxes, etc.;
- stimulating students' motivation and creativity in making objects from reusable materials, by valorising the products: exhibiting them, participating in school competitions, creating toys, decorative objects, greeting cards, etc.
- development of positive behaviours and environmental protection.

Therefore, we propose a mini-booklet of practical activities, skill and creativity, as a result of which students obtain interesting products from recyclable materials.

Christmas tree from plastic caps

Necessary materials:

- Green A4 paper, brown paper
- plastic caps in different colours
- glue / glue gun
- paper snowflakes

On a green A4 paper we glue the stem of the Christmas tree from brown paper. We glue the plastic caps in the shape of a Christmas tree with the glue gun (we can use caps of different sizes) . We decorate with snowflakes.



Globe for Christmas tree

Necessary materials:

- 2 plastic bottles
- Christmas garland
- nail polish, thread or wire for hanging
- glue gun

We cut the bottom of the plastic bottles and glue them into one. The joint is covered with a piece of garland. We decorate the two sides with nail polish as you like it.



Candle holder

Necessary materials:

- CDs
- red textile thread
- a candle
- clay
- green paper
- Christmas tree template
- transparent nail polish with gloss
- glue gun, scissors
- snowflakes

A CD is wrapped with red thread (we can use thread of any colour, according to preference). From clay we form hearts and flowers, which are glued to the CD. On the green paper, outline the template with the tree, then cut it out. The trees are stained with nail polish and glued to the candle. We glue the candle to the CD with the glue gun. It can be decorated with snowflakes.



Toys-Pets

Necessary materials:

- toilet paper rolls
- colored paper (glazed, crepe), napkins
- wires
- plastic spoons
- cleansing floppy disks
- glue, scissors
- caps

Each child determines the toy he/she wants to make. Wrap the toilet paper roll in the right color, make and glue the ears, nose, etc. Decorate the toy according to your own imagination.



Pencil holder

Necessary materials:

- plastic bottles
- colored paper
- textile material
- glue, scissors
- ornaments (threads, sequins, beads, etc.)

Cut the plastic bottle to the right size. Wrap with colored paper or textile materials and decorate as desired.



Vase with flowers

Necessary materials:

- plastic bottles and other plastic containers
- watercolors, scissors, glue
- beads
- caps
- glue gun

Cut out the plastic container to the desired size. It can fringe the upper part and decorate the outside.

The vase can be made keeping the color of the plastic bottle, and the flowers can be made by children or real flowers can be put in the vase.



Plastic cutlery clock

Necessary materials:

- plastic cutlery (forks, spoons, spoons, knives, ladles, pallets)
- plastic or cardboard plate
- glue, glue gun

The figures are written on the stand, then the cutlery is glued next to the clock hours. The needles of the clock will be clamped with an awl or glued.



The caps clock

Necessary materials:

- jar lid for holder
- plastic sticks (straws)
- caps from plastic bottles
- glue gun

Children fix the middle of the large cover, which will be the support of the clock. Fasten the needles, by gluing or drilling. Stick the sticks to the colored covers, then to the support cover, observing the place of hours on the clock.



Clock on CD

Necessary materials:

- CD (or vinyl)
- markers
- colored cardboard
- scissors, glue, pins

Children write down the numbers indicating the hours of the clock. Make a cardboard circle for the middle of the clock and the needles all out of colored cardboard. Assemble the parts.



Figurines from light bulbs

Necessary materials:

- bulbs of different sizes and shapes
- wire, textile yarn
- watercolors, felt-tip pens
- decorations
- glue, scissors

Children color the bulbs according to the figurine they make. Then they decorate it according to their own imagination, using various materials. From wire or threads will make the cake for hanging the figurine.



Tree from paper bag

Necessary materials:

- paper bags of different sizes
- colored paper for leaves and flowers
- cardboard or plate for support
- glue

The bag is twisted and shaped after the shape of a tree, half, for the stem. The upper half is torn off in strips of different thickness. Each strand is twisted. Arrange the strips to make the crown of the tree. Glue the bottom of the bag, slightly wrinkled, to the support.

Reshape the shape of the tree. On the branches you can glue leaves and flowers, made of colored paper, executed by different techniques: crumpling, twisting, tearing, cutting.



The Orchard

Necessary materials:

- green and brown colored paper
- napkins, crepe paper, newspapers, magazines
- cardboard boxes for support
- glue, scissors, pencil

Children outline their palm on the green paper, then cut out. For the crown of the tree repeat this work step 3 times. The trunk is made of brown paper. Assemble the tree, then decorate it with fruits executed from napkins, crepe paper, newspapers, magazines, by different techniques: crumpling, twisting, tearing, folding, cutting.

Trees stick on a cardboard stand, getting the orchard.



Abstract painting

Necessary materials:

- cardboard or cloth for support
- newspapers, magazines, plastic straws, used colored pencils

From newspapers or magazines, paper rolls are obtained, by rolling. They stick next to each other, horizontally and vertically, so that the final product is obtained.

As a variant, plastic straws or used colored pencils can be used to obtain different shapes.



Painting from caps

Necessary materials:

- caps of different colors and sizes
- glue gun or glue
- cardboard for support

The caps are arranged to obtain different shapes: flowers, landscapes, animals, etc. Glue the caps to the backing cardboard.



Musical instruments - Guitar

Necessary materials:

- cardboard box
- textile yarn, colored paper
- glue, scissors

From the cardboard box we draw the outline for the guitar and cut it out. Two pieces are needed. Also from cardboard, we make the side and the tail. On top we cut out a circle and glue the threads to the two cardboard supports. We stretch the threads, forming the strings of the guitar. They are fixed under the upper part, at the ends.

The guitar is colored or wrapped in colored paper.



Musical instruments - Drums

Necessary materials:

- tin box from cans
- surgical glove
- textile yarn, colored paper, glue, scissors

On the lidless end of the tin can tightly stretch the glove and tie. Cut off the surplus of the glove. Cover the box with textile threads or colored paper. It can also be colored. Two used pencils can be used as drum sticks.



Pinocchio

Necessary materials:

- cardboard, inflated surgical glove, paper/wool ball for the head
- big plastic bottle for body
- plastic tubes from medicines or spices for limbs
- syringe tubes for fingers, aluminium foil, caps, textile threads
- boxes from margarine for shoes
- cardboard roller for nose
- buttons, bags, perforated napkins, capes, colored paper for accessories and details

From the specified materials, the parts of the body are made, then they are assembled. Decorate the doll according to imagination.



Doll house

Necessary materials:

For this collective work, a wide range of reusable materials is used: textiles, threads, plastic and paper materials, aluminium foil, buttons, chopsticks, colored paper, caps, etc.

By various techniques and from different materials, the body parts are made, they are sewn, decorated, obtaining various dolls. The final products are exhibited in the doll house.



Zoo

Necessary materials:

- polyester and crepe paper for backing
- cardboard box for "Jungle"
- rolls from toilet paper, napkins, plastic cups or cardboard
- pet, textile yarn, plastic straws, wire, colored paper, caps
- glue, scissors

Children make toys from reusable materials: tiger, frog, penguin, cat, rabbit, pig, teddy bear, owl, etc. The products are exhibited in a collective work.

A wide range of diverse materials and techniques is used.



Traditional eco costumes

Necessary materials:

- household bags
- raffia bags
- plastic film
- colored bags
- crepe and frosted paper
- textile yarn
- scissors, needle and thread

After the patterns, the outline of the clothing pieces is sketched, then cut out. It is assembled by gluing, sewing, punching, knotting, folding, gluing, according to the model of the traditional costumes of the countries participating in the Erasmus project.



Doormat

Necessary materials:

- About 300 multicolored plastic caps from juice bottles, mineral water/plain water, beer
- About 10 meters of thin wire

Necessary tools:

- A drill with a thin drill
- A pliers / a patent

Working mode:

- Collect, sort and clean the necessary caps
- Drill the caps on the corners with two holes, those on the edge with 3 holes and all those that will be inside with 4 holes
- Cut the pieces of wire to the desired width/length for each line, respective column one by one
- String on each wire the caps as randomly as possible, taking care, however, that in the neighbouring position there are no two plugs of the same color or you can create various patterns (flowers, geometric figures, etc.)
- At the end of each line/column bend the wire underneath to prevent the caps from coming loose from their place.



Snowmen

Necessary materials:

- White plastic bottles from yogurt after consuming the contents and washing the container
- Socks that can no longer be used
- Miscellaneous textile yarn
- Thumbtacks
- Dry twigs from a dry tree

Working mode:

- A hat is made from a colored sock
- A scarf is made of colored textile threads
- Carefully insert the prepared pins for the eyes, nose, buttons
- Attach hands from twigs
- Assemble all the elements and get a funny snowman



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