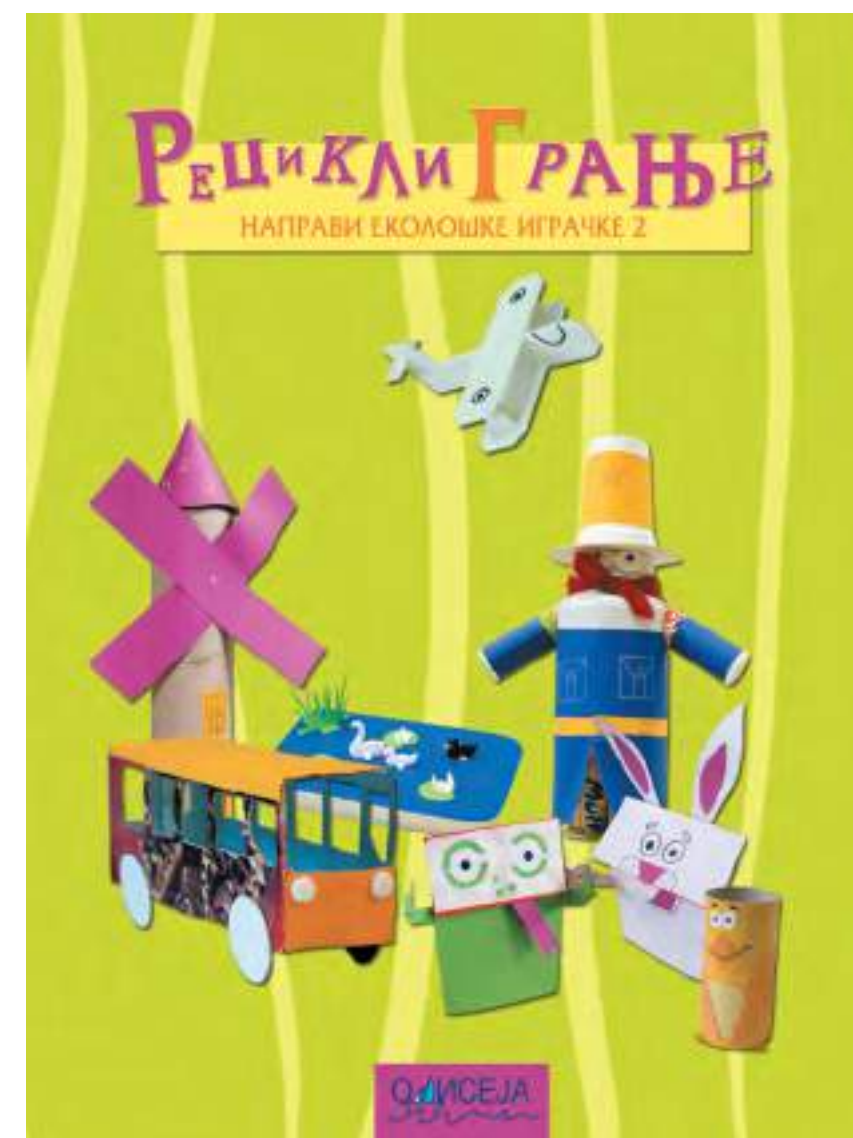


CREATIVE RECYCLING 1

manual - how to make ecological toys, 2005,
text Marija Vukosavljevich, toys made by Tatjana Tatalovich,
Nebojsa Despotovich, Nenad Zivich, illustrated handbook,
F 27 x 21, Pages 32, paperback, Cyrillic, ISBN 86-7720-014-2

Books for all those who like to play and to make handcrafts, and care about environment as well. Instead of throwing used plastic bottles, old newspapers and cans into garbage, they could be used for making toys or useful little things. Our planet can breathe easier if we don't cover it up every day with enormous amounts of garbage, and recycling could be a game full of fun. This books offers more than 50 ideas for such exciting activities.



CREATIVE RECYCLING 2

manual - how to make ecological toys, 2005,
text Marija Vukosavljevich, toys made by Dejan Mandich,
illustrated handbook, F 27 x 21, Pages 48, paperback,
Cyrillic, ISBN 987-86-7720-035-0

PLASTIC

PLASTIC BOTTLE AQUARIUM

You need

- plastic bottle
- colored paper
- string and needle
- white correction marker
- markers

Did you know?

Word ecology comes from old Greek words oikos – home and logos – science. It means that ecology is science about the home of us all, people, animals and plants – the planet Earth.



How to make it:

Cut the bottle over middle part. Put the colored paper on the cut edge and draw line around it. Cut two circles that way. Put one circle inside the bottle and push it to the bottom using some stick or pencil. Draw the fishes and decorate them. Cut and with string and needle fix the fishes to other circle so they are left hanging. Cover the edge of the bottle with glue and put the circle with fishes over it (so the fishes fall inside) and then press gently to glue it. Decorate outside of the bottle with colored paper.

More ideas

Instead of big paper decoration outside, you can put pebbles, sand, shells and other things on the bottom.



THE BOTTLE VIKING HOOPLA

You need

- plastic bottle
- colored paper
- marker

How to make it:

Put the rice or sand in bottle, to be more stable. Cut 1/4 of the circle and roll it into cone and glue it. Draw the Viking hat, face and hands on the cap. Use white color for eyes (or white correction paste). Put the glue inside the cap, and cap over the bottle and press gently until glued. Cut the hoops of paper: draw two circles, one smaller inside of other bigger one and cut following lines. Try to throw the rings over the Viking.

Hoopla will be the perfect toy for birthday parties, because a lot of your guests could join the game and if paper hoops falls somewhere it won't damage anything.

More ideas:

You can make Hoopla in different shapes, by using plastic-foam ball as a had, for example. As hoofs you can use the lids of plastic bowls, by cutting the center of lid and leaving only the rims.



Recycling is

- when you give your small or unused clothes to charity or to younger children
- when you use textile bag and refuse plastic bags in shops.



THE ANIMALS MADE OF TOILET PAPER ROLLS

You will need:

- toilet paper cardboard rolls
- white cardboard
- colored and white paper
- paint, paintbrush and markers
- scissors and glue

THE COW

How to make it

Draw on white cardboard cow's head, legs, bell, udder and tail. Paint them, cut and glue as shown on the photo.

THE CAT

Glue white paper over roll and paint designs over it. On the white cardboard draw cat's head, tail and legs, cut them and glue as on the photo.



THE CHICKEN

Paint the toilet roll in yellow. Cut the small circle from some more pale yellow paper and glue it on chicken's „belly“. Cut of stronger yellow paper the beak, wings and feet, as on the photo. Add eyes of white cardboard and draw the irises, eyebrows and mouth.

THE RABBIT

Glue white paper over roll and draw eyes and snout on it. On the white cardboard draw rabbit's ears and legs (with carrot in one of them), cut them and glue as on the photo.

More ideas

Glue a white cardboard circle on the bottom and you'll have pencil holder.



PAPER BAGS

You will need:

- paper bags
- colored and white papers, old newspapers
- paint and paintbrush
- white cardboard
- glue and scissors

THE FROG

How to make it:

Glue a white rectangle on the bottom of the paper bag and then white cardboard circles (as eyes) and green cardboard shapes (as eyelids) over it. Paint irises and add speckles. Cut a tongue of red paper and glue it beneath the bottom (mouth). Finally, cut the legs and glue them.



More Ideas

This bags will be perfect for packing the birthday presents. Ask person you want to give it to which animal he or she prefers and make the bag in that shape.



THE WHITE RABBIT

Glue the white paper over paper bag. Bend the bottom over one side and draw a snout over the connection. Draw ears, tooth and two legs (with carrot in one) on white cardboard and glue it all on the bag.



Did you know?

Paper makes the most part of the solid public waste of all materials. The richer country, the more paper will be in its garbage cans.



THE WHALE

Glue the white paper over the paper bag. Stuff the bag with old newspapers in and tie it on one end. Draw eyes on the sides of the bag and mouth on the bottom. Cut colored paper strips and glue them on the top of whale's head.

More Ideas

Use clean paper bags and old newspapers for enveloping school books in order to protect them.

COMET TOY

You will need:

- plastic bottle with cap
- colored plastic tape
- colored plastic bags
- glue
- scissors

How to make it:

Cut the upper part of the bottle for nose of the comet. Cut long strips of colored plastic bags for the tail. Glue the ends of the strips around the inside of the bottle. Let it dry. Toss the comet into the air, and watch the flowing tail follow as it falls.

More ideas

Make the comet in the colors of team you support.

Recycling is:

- to make compost of organic garbage
- to decorate living Christmas tree in flower pot.



Да ли знаш?

Ревизирањем ПЕТ амбалаже штедимо 84 % енергије која би била потребна за израду те исте амбалаже директно из сировина.



РОБОТ

Материјал

- 2 пластичне флаше од 1 л
- пластична флаша од 5 л
- пластична посуда с поклопцем
- пар старих дебљих чарапа
- сјајна фолија из чоколаде
- корнет за јаја
- компакт диск
- лепак, маказе или скалпел

Упутство

Исеци две празне, опране флаше од 1 л напола. Доње делове флаша залепи за дно велике боце од 5 л – као ноге, а горње делове са стране – као руке. Изрежи две лоптице с корнета за јаја и залепи их на посуду с поклопцем, као очи. Намажи лепак на поклопац велике флаше, па на њу прислони наопако окренуту посуду с поклопцем.

Облепи тело робота сјајном фолијом, да изгледа свемирски. Залепи селотејпом и стари диск, па на њему напиши нешто. Исеци ногавице женских чарапа у боји и навуци их на руке и ноге робота. Два дела ногавице навуци на горњи и доњи крај највеће флаше и ушњ затварач од конзерве као дугме.

Још идеја

Залепи и старе жице или делове покварених техничких уређаја.





SAMPLES – CREATIVE RECYCLING 2



- You will need:
- old paper,
 - flour or glue for wallpapers,
 - plastic bowl with water,
 - cardboard,
 - white color (tempera or wall paint),
 - paint (temperas or water colours) and paint brush,
 - glue,
 - clock mechanism

1. Draw the shape of your watch over an old cardboard - circle, square or something else. Cut it out.
2. Cut old newspapers into strips. In plastic bowl mix 1 cup of water with 1 cup of flour (or 1 tea spoon of glue) to make a paste.
3. Dip the newspaper strips in the paste and lay them on the cardboard model, in 3 layers. Let the project dry completely (over the night).
4. When the project is dry, paint it with white color and leave it dry again.

Did you know?
 Papier-mâché become famous thanks to the dolls, which were made of paper because it was much cheaper than to produce it of wood or clay. And in puppet shows, string puppets and other types of puppets could be made very quickly and cheap to be characters in a new play.



5. Paint your watch as you wish and leave it dry completely.
6. Punch a hole in the middle of the watch, and attach watch hands axis trough the hole. Glue watch mechanism on the back-side of the watch taking care that it's axis goes trough hole.
7. Attach watch hands.



THE BOTTLE BIRD FEEDER

- You will need:
- plastic jug
 - colored plastic tape
 - hole punch

1. Ask some adult person to help you cut a large rectangle from the front side of a jug.
2. Tape the edges.
3. Decorate your feeder with shapes cut out of colored plastic tape.
4. Put the bird food in your feeder and leave it somewhere where you can reach it to refill it, but enough high so some cat couldn't climb and surprise the birds.



TOSS-AND-CATCH BOTTLE GAME

- You will need:
- plastic bottle
 - colored plastic tape
 - colored papers
 - string
 - old stocking
 - glue

- How to make it:
1. Cut the bottle in two halves. Glue colored plastic tape over the edges, so it wouldn't be sharp and dangerous. Decorate the bottle with colored papers.
 2. Make a ball of old stockings.
 3. Tie the string round the ball. Other end of the string pull through the neck of the bottle and put the cup on the bottle (over string).
 4. Hold onto the bottle neck and try to catch the ball in the catcher.



6



5

Did you know?
One third of the world's garbage total amount consists of empty packaging.

THE PIG BANK

- You will need:
- plastic bottle of 5 l
 - pink, green and black paper
 - 5 plastic cups
 - stronger glue
 - scissors

- How to make it:
1. Cut the circle of the pink paper as big as bottle lid. Glue it on the lid and draw two nostrils.
 2. Cut eyes of black paper and eyelash of green paper. Glue first eyes and then eyelashes on the bottle.
 3. Cut the tale of pink paper: first cut one circle and then inside (like when you pill an apple). Glue it on a bottom of the bottle.
 4. Cut ears of pink paper, like on the photo, making them a bit heartshaped. Bend ears twice and glue them near the top of the bottle, on both sides.
 5. Finally glue 4 small cups on the pig's belly.
 6. Cut it on the back of your new piggy bank.

Use this big piggy bank for your class to collect money for your activities or charity.



CHILDREN'S TELEVISION

- You will need:
- plastic foam tray
 - plastic bottle lid
 - cottonwool
 - piece of cardboard
 - old illustrated newspapers
 - paint and paint brush
 - marker
 - glue.

- How to make it
1. Turn the plastic foam tray upside-down on the cardboard. Draw a shape on the cardboard following the shape of the tray and cut it. Draw one smaller rectangle with round edges in the first one and cut it carefully. Paint and decorate cardboard frame.
 2. Glue on the inside of the tray some pictures cut from old newspapers, like Santa Claus and stars.
 3. Glue frayed cotton on one side of the tray.
 4. Cover back side of the cardboard frame with glue. Press it on the plastic foam tray and push gently until is well glued. Glue a plastic bottle lid on it.
 5. Glue some plastic cup or bowl to the back side of tray, as a stand.
 6. Chose a show you will watch on your television! For example, you can write on paper "Come and play with your child", put the paper inside of television and leave it in front of real one when your parents are watching it.

Did you know?
 (Stiropor) plastic foam is one type of plastic, very practical packaging/wrapping material but very dangerous garbage waste as well. Hardly disintegrating, it influences the increase of ozone holes and it could hurt animals. It happens that sea turtle swallow peace of plastic foam that floats in the sea, mixing it up for food. Since the poor turtle now in her stomach has the plastic foam which is much lighter than water, turtle can't dive anymore so she starves and finally dies.



- Small advises
- * Avoid products with lots of packages.
 - * Avoid plastic foam packages and take care where to throw it when used.
 - * When you are buying plastic things (such as toys, bowls, clothes-pegs etc.) buy those made of higher quality plastic that will last longer.