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EYETHU 2020: RECYCLING GUIDE FOR EARLY CHILDHOOD DEVELOPMENT PRACTITIONERS AND PARENTS

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INTRODUCTION

Environmental education is a crucial way of helping people and communities understand their decisions and actions affect their environment and themselves. It plays an important role in finding ways to promote sustainable solutions and practices that are eco-friendly through creative learning and engagement that goes beyond the classroom. This can positively impact our day to day interactions with the environment. Environmental friendly practices such as recycling and reusing waste enables us to find ways to reduce pollution and waste in the environment. This is beneficial not only for the environment but for households by promoting cost saving practices and culture of creativity. This is an important skill to learn at a young age.

This booklet serves as an easy guide for making basic toys, games and tools out of waste materials which practitioners and parents can use for children.

1)COUNTING COLOUR SOCKS

Materials Needed

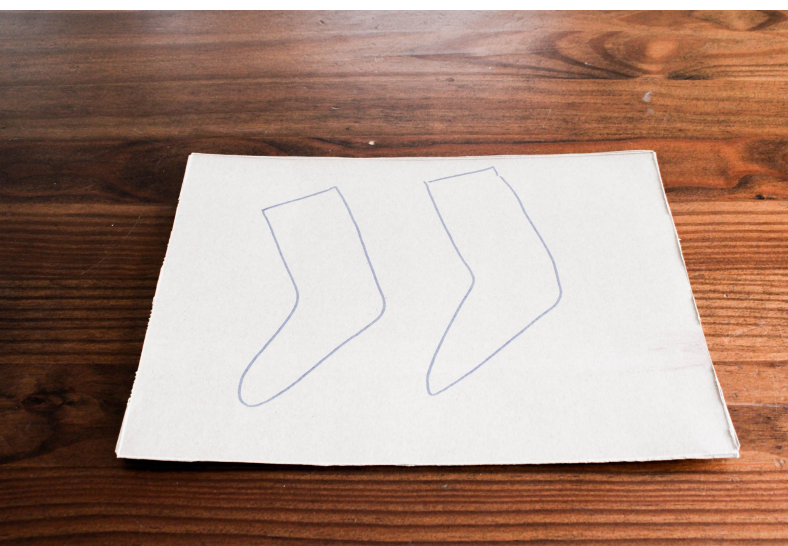
Paint, Cardboard, stickers (for decorations),Permanent markers, Scissors.



Instructions

- Draw sock shapes on cardboard.
- Cut out shapes paint the shapes.
- Draw numbers on the shapes when the paint dries.

1) COUNTING COLOUR SOCKS



HOW TO PLAY

Rules

- Give the players the same amount of cards.
- Plays must put the cards on top of each other.
- A player can only play one card on their turn.
- The cards must be the same color or the same number.

2) LETTER MATCHING GAME

Materials Needed

Two cardboard samples, toilet paper roll, scissors, paint, permanent markers.



Instructions

- Use toilet paper roll to draw a circle on first cardboard.
- Use scissors to cut out the circle.
- Paint the circle.
- When the circle is dry write a letter on it with permanent marker.

2) LETTER MATCHING GAME

- When finished making the letter circles paint the second cardboard.
- When the second cardboard is dry write all the letters.



HOW TO PLAY

Rules

- Mix up the letter circle and put them upside down.
- Pick up the letter circle and put them on the board on top of the correct letter so that they match.

3) CARDBOARD DICE

Materials Needed

Paint, stickers, 6 cardboard pieces, Glue (Not image).



Instructions

- Paint cardboard pieces.
- Put stickers after the paint dries

3) CARDBOARD DICE

- Use Glue or tape to stick the cardboard pieces together to make a dice.



4) O AND X GAME

Materials Needed

Bottle tops, permanent marker, ruler.



4) O AND X GAME

Instructions

- Draw lines on cardboard.
- Draw O and X symbols on bottle tops.



HOW TO PLAY

Rules

- The game is played on a grid that's 3 squares by 3 squares.
- One player is player **X** and the other is player **O**. Players take turns putting **X** and **O** in empty squares.
- The first player to get 3 of their symbols in a row (up, down, across, or diagonally) is the winner.
- When all 9 squares are full, the game is over and if no player has 3 marks in a row, the game ends in a draw.

5) SHOELACE TYING TRAINER

Materials Needed

Printed shoe bottom, string, pen, pencil, permanent markers, glue, cardboard, scissors.



5) SHOELACE TYING TRAINER

Instructions

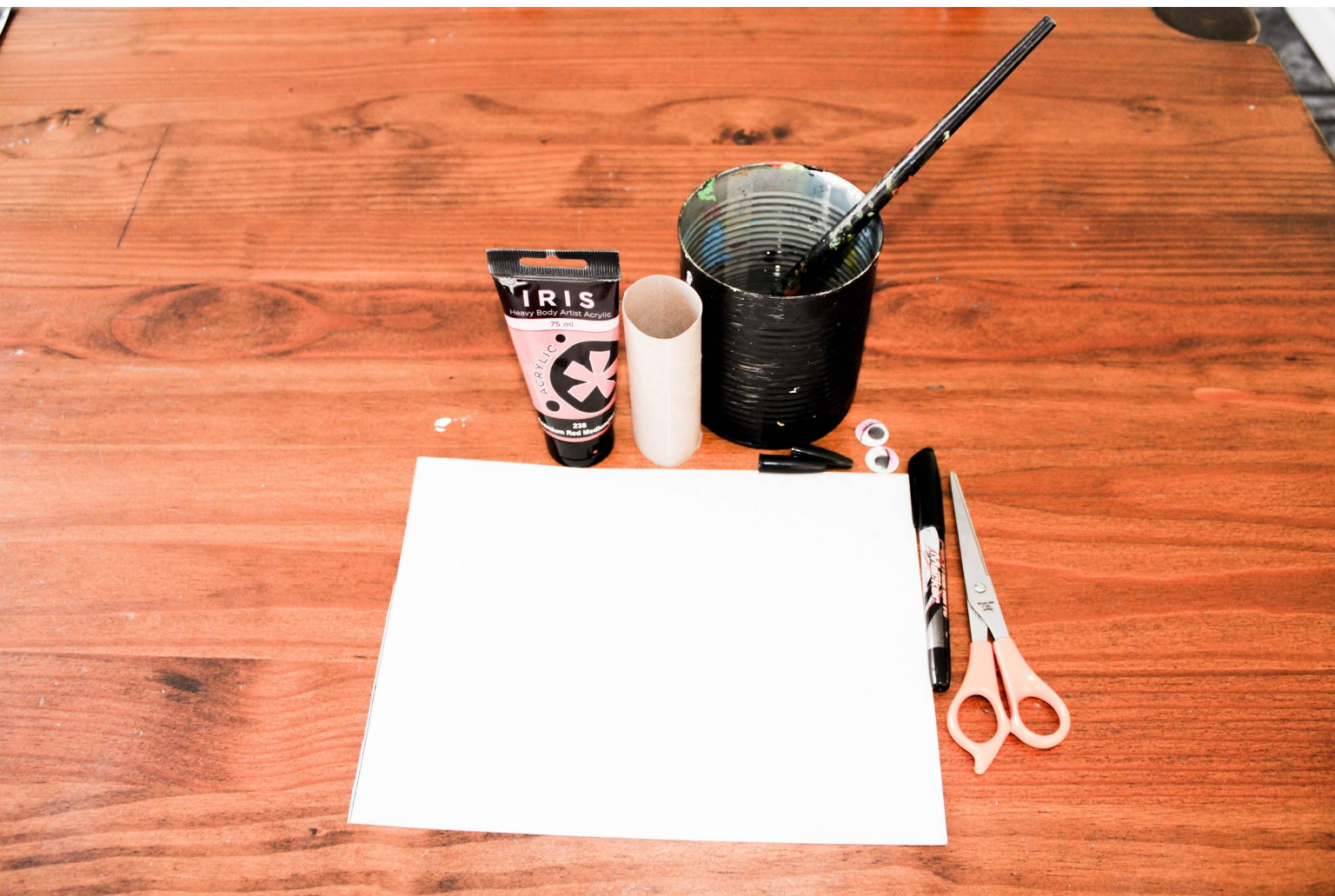
- Glue printed shoe boot to cardboard.
- Use the pen and pencil to poke shoelace holes in the cardboard.
- Use the string and put it through the holes.



6) CARDBOARD BUTTERFLY

Materials Needed

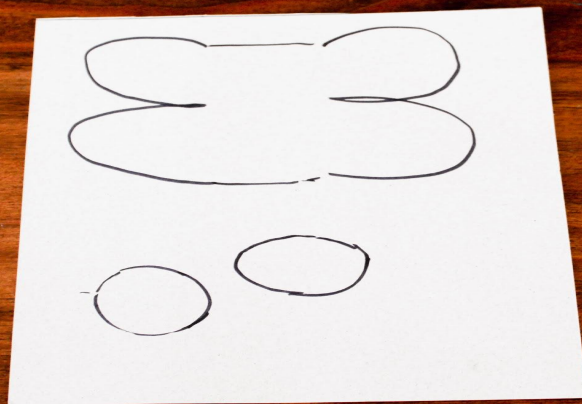
Toilet paper roll, scissors, paint, permanent marker, googly eyes, pen cover.



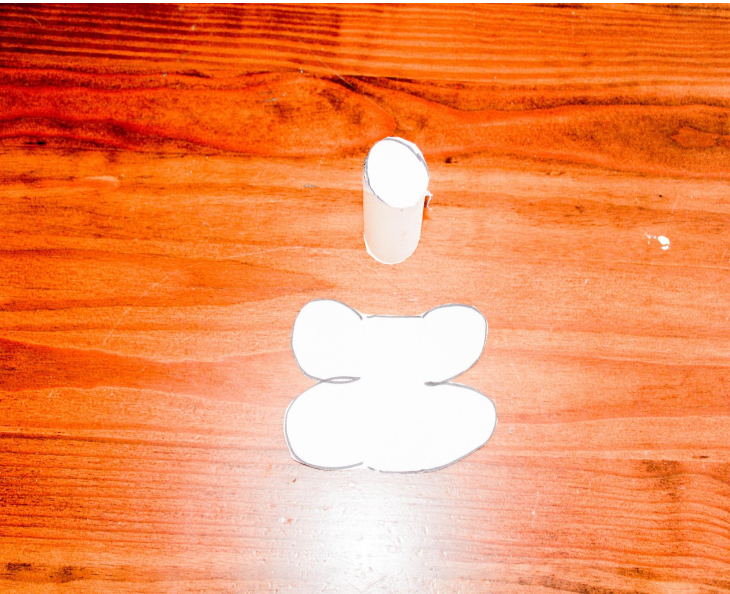
6) CARDBOARD BUTTERFLY

Instructions

- Take the cardboard and draw outlines for the wings, bottom cover and head cover of butterfly.
- Cut out the wings, bottom and head cover.
- Paint the toilet paper roll, wings, bottom and head cover.
- Once all pieces are dry, glue parts together to make butterfly.
- Glue googly eyes and pen covers on butterfly body.
- Draw a smile using permanent marker.



6) CARDBOARD BUTTERFLY



7) BOTTLE TOP COUNTING FLOWER

Materials Needed

Cardboard, bottle tops, plastic straw (not in the image below), paint, glue, leave shaped decorations.



7) BOTTLE TOP COUNTING FLOWER

Instructions

- Glue bottle tops to cardboard in a circular manner.
- Write numbers on the bottle tops.
- Glue leave decorations and straw on cardboard.
- Paint straw and the center of flower.



8)FRISBEE

Materials Needed

Printed image, Plastic Cover, glue, scissors and coloring pencil(not in the image below).



8) FRISBEE

Instructions

- Cut out printed image and then colour it in.
- Glue image to Plastic cover.



9) BOTTLE TOP SPINNER

Materials Needed

Toothpick (Not in first image) and bottle tops.

Instructions

- Piece bottle tops with toothpick.
- Place toothpick in between two bottle tops.



10) CARDBOARD RECYCLE BINS

Materials Needed

Cardboard boxes, paint, decorative cover, cellotape, scissors, printed image, glue and colouring pencils.



10) CARDBOARD RECYCLE BINS

Instructions (Option A)

- Cut out decorative cover and cover the box with it.
- Colour in printed images (Not shown in images below).
- Cut out and glue printed images to box.



10) CARDBOARD RECYCLE BINS

Instructions (Option B)

- Paint the cardboard box.
- Cut out printed pictures and colour them in (Not shown in images below.)
- When paint is dry glue printed images to cardboard.



11) COLOUR NUMBER MATCH GAME

Materials Needed

Paint, tins, bottle top, tipex (Missing from image below).



11) COLOUR NUMBER MATCH GAME

Instructions

- Paint tins.
- When paint dries write number on the bottom of tin using tipex.
- Write numbers on bottle tops.



HOW TO PLAY

Rules

- Mix up the bottle tops and the tins.
- Try match up the tins and bottle tops by color or the letter on top of each.

HELPFUL SITES FOR IDEAS

Recycling

National Recycling Forum

<https://www.recycling.co.za/>

PETCO

<https://petco.co.za/>

DIY sites

Fave Crafts

<https://www.favecrafts.com/Green-Crafting/659-Recycled-Crafts-Crafting-with-Recyclable-Items>

Beauty Home Life

<https://www.favecrafts.com/Green-Crafting/659-Recycled-Crafts-Crafting-with-Recyclable-Items>

We Are Teachers

<https://www.weareteachers.com/earth-day-crafts-classroom-activities/>

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