



## ' Smarter...Greener...Safer...'



### LESSON PLAN\_ONLINE WORKSHOP... 3 ITALY

#### Topic: REDUCE, REUSE, RECYCLE

**Brief description of the lesson:** Given the state of the planet, many of us are trying to buy less and less new stuff. After all, buying new only creates demand for a whole supply chain of destruction, from planting heavily sprayed monoculture crops like cotton to pouring toxic dyes into rivers. Yet there is a conundrum: if we buy less, that's great for the planet but bad for not only the economy overall, but the millions of people who rely on the manufacturing industries for their livelihoods. So how can we maintain economic growth without being destructive? Recycle—don't just toss everything in the trash. Lots of things (like cans, bottles, paper, and cardboard) can be remade into either the same kind of thing or new products. Making new items from recycled ones also takes less energy and fewer resources than making products from brand new materials. In this activity, students can understand that in their home (or office or school, etc.) that cannot be reused CAN be recycled into something else:

#### Don't throw away anything that can be recycled!

#### Objectives:

- Explain three R's: reduce, reuse, and recycle?
- Understand the meaning of reduce, reuse and recycle
- Create some posters or some
- Create a toy puppet
- Create a Scarecrow
- Learn to work in team

#### Methods and techniques:

- Problem Solving
- scientific method
- Brain Storming
- Cooperative learning
- Role play
- Learning by doing

#### Materials and tools to create a toy puppet:

- plastic objects
- plastic bottle with a top

- Aluminum cans
- Magazines
- Newspaper
- Plastic Bags
- glue
- paper and cardboard
- scissors
- a piece of cloth
- old toys
- colours
- a stapler
- sticky tape
- wool
- multimedia interactive whiteboard
- computers

**Preparation:** preparing the artistic workshop, dividing pupils into several groups (team work)

**Class duration:** 2/4 lessons

**Class activities :** introductory stage; some questions to discuss ...Problem Solving and Brain Storming:

**The question is: “Don't throw away anything that can be recycled!”**

A student write on the blackboard the answers and one of the team work create a poster. The idea is that the students look for a solution. They prepare the work plan and they work in real life situation using knowledge and practical skills from different fields and subjects (multidisciplinary teaching/learning , roleplay).

**PROCEDURE:** teacher asks to the students to complete the sentences and follow the instructions. The keywords are: head (2 times); mouth; arms; nose; neck; eyes; top (2 times); plastic bottle.

**1<sup>st</sup> step-** Cut the ..... in three parts

**2<sup>nd</sup> step-** Make the .....with the top and the bottom of the bottle.

**3<sup>rd</sup> step-** Draw....., ..... , and ..... on the cardboard.

**4<sup>th</sup> step-** Then cut out and stick on the head with sticky tape.

**5<sup>th</sup> step-**Stick the wool on the ..... with sticky tape

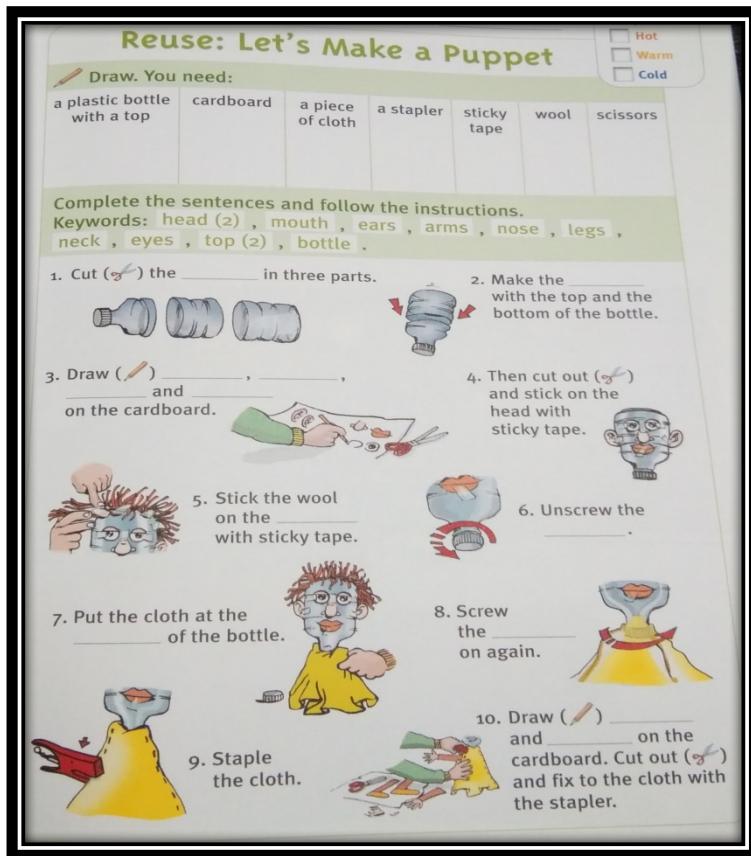
**6<sup>th</sup> step-** Unscrew the .....

**7<sup>th</sup> step-** Put the old cloth at the ..... Of the bottle.

**8<sup>th</sup> step-** Screw the ..... on again.

**9<sup>th</sup> step-** Staple the cloth.

**10<sup>th</sup> step-** Draw ..... and ..... on the cardboard. Cut out and fix to the cloth with the stapler



#### Materials and tools to make a Scarecrow:

- ✚ Magazines
- ✚ Newspaper
- ✚ glue
- ✚ paper and cardboard
- ✚ scissors
- ✚ a piece of cloth
- ✚ glue
- ✚ an old hat
- ✚ straw
- ✚ two bamboo canes
- ✚ some string
- ✚ a piece of cloth
- ✚ an old t-shirt
- ✚ eight old buttons

**How to Make a Scarecrow**

What do we need? Match:

- a piece of cloth
- straw
- some string
- an old shirt
- an old hat
- two bamboo canes
- eight old buttons

Complete the words and match.

A \_\_\_ E \_\_\_  
M \_\_\_ U \_\_\_ H E \_\_\_  
B \_\_\_ Y L \_\_\_

Create a scarecrow:

1. With the bamboo canes we make the R\_S and L\_S
2. With the straw we make the H\_R
3. Then we dress the scarecrow with an LD\_H\_ and an O\_S H\_
4. \_\_\_\_\_
5. \_\_\_\_\_

**The task:** the final product will be a toy puppet and a Scarecrow and at the same time students really just have to plan an elaborate heist (paper and cardboard, colours , multimedia interactive whiteboard, computers, magazine, newspaper and a lot of material

### Evaluation

Students work in team and they are satisfied because they can use their ideas , they can decide, discuss with their friends and they product. They show a great interest; they enjoy their time working and using some subjects like math, arts, technology, science. They'd be amazed what can be done with a recycled product! A recycled plastic bottle, can be made into T-shirts, puppets, or hundreds of other plastic goods that can be used for many years. Even their brand new computer case might be made from ordinary recycled plastics. And paper products can take on different forms as well; an old phone book or coloring book might become one of their school books or a notebook. Their recycling mission is not impossible! In fact, it is very simple.

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