

EARLYPOLY EMO_407_EN

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Formal and/or non-formal educational setting: **Both**

Most relevant age group: **4-8 years old**

Description of the idea / problem / exercise: **POLY-Ice Cream**

Poly-Universe equipment needed: triangle, circle elements

Every child loves ice cream.

We ask the children which ice cream is their favorite and what color it is.

For example:

- raspberry, strawberry, sour cherry, cherry, currant, punch...= red, bright
- vanilla, lemon, mango, banana, peach, melon, tutti-frutti... = yellow, light color
- chocolate, smurfette, blue bubblegum, plum, blackberry, blueberry... = blue, dark color
- pistachio, mint, apple, kiwi... = green, natural

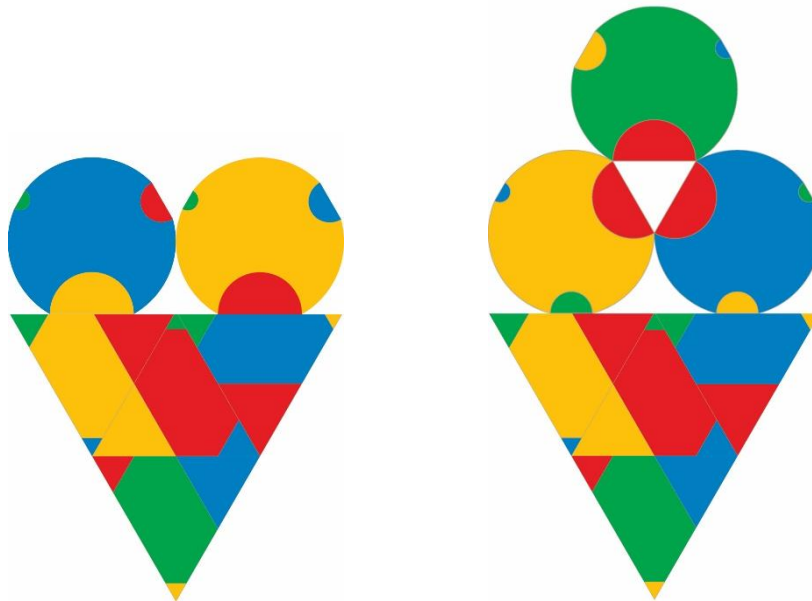
We lay out the Polyuniverse triangle, circle and square elements and ask them to make their own ice cream.



But the children will figure out for themselves that the triangle will be the funnel, and the circle elements will be the scoops, and according to the colors, everyone can make ice cream that matches their favorite fruit.

It can be one-ball, two-ball, or three-ball. Of course, if you want more balls, you need to increase the size of the funnel. The elements are distributed either randomly or by conscious choice.





Then everyone looks at their own Poly-Universe element to see if they got the most of the color corresponding to their favorite fruit.

Then they look at each other and think together how they can get the colors/balls they like the most, and then they exchange the elements between themselves until everyone has the most of the color corresponding to their favorite fruit.

If they have served themselves satisfactorily, they can form pairs and give each other gifts according to each other's wishes. With ice creams with multiple scoops, it is possible to sneak decorative elements into the gift.

- *Why is this exercise good:* It improves children's sense of color, logical skills, and visual observation skills. It prepares them for metaphorical thinking, they have to associate colors with delicious snacks, and it develops a sense of quantity and proportion. It also improves communication, strengthens teamwork, and the feeling of joy for others.
- *Has anyone tried this? If so, when and where?:* Countless times, the children have always initiated the ice cream making themselves. It also works with mixed age groups.
- *Notes:* It may happen that not everyone manages to collect the right amount of colors, and it is also possible that many people have similar choices. When we select and arrange the subtleties, i.e. the colors, interesting situations can arise. It can be helpful to play in smaller groups and give each child more basic shapes. *Notes:* It may happen that not everyone manages to collect the right amount of colors, and that several people make similar choices. When we select and rank the delicacies, i.e. the colors, interesting situations may arise. Playing in smaller groups and giving each child several basic shapes can help solve this problem.