

EARLYPOLY EMO_401_EN

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

Most relevant age group: **5-8 years old**

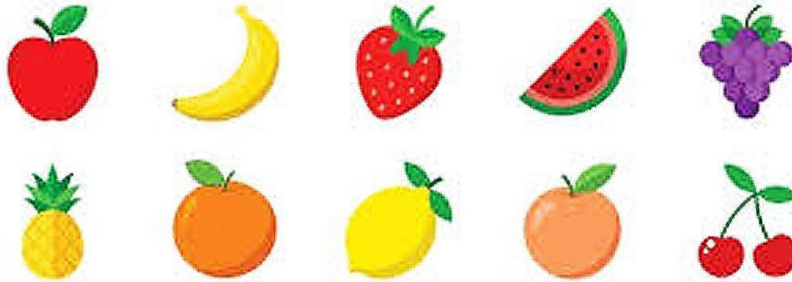
Description of the idea / problem / exercise: **FRUIT-BITE**

Poliuniverse equipment requirements: circular elements
All children love fruits.

We ask the children which fruit is their favorite and what color it is.
We group the fruits using pictograms.

For example:

- apples, strawberries, melons, cherries... = red
- pears, bananas, pineapples, peaches, grapes... = yellow
- plums, strawberries, blackberries, grapes... = blue
- green apples, kiwis... = green

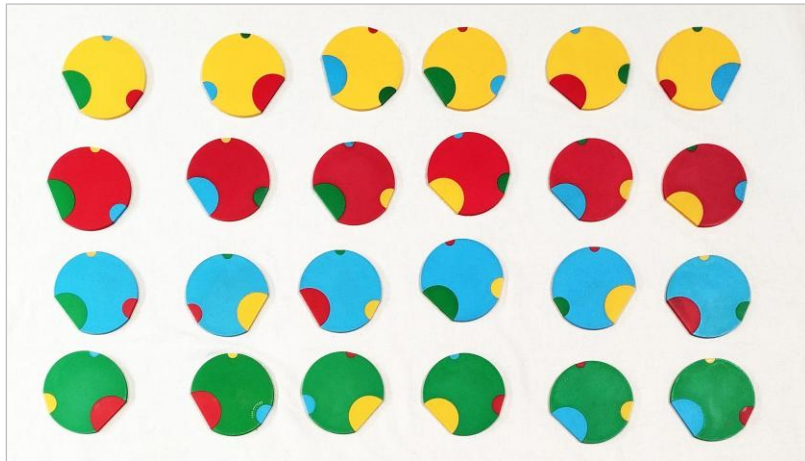


We divide the children into groups, then everyone randomly draws a Poly-Universe circle element from a bag, with each child receiving a few pieces.

We match the most popular fruits to the basic color of the Poly-Universe element. If someone likes other fruits as well, we can rank them in order of preference, starting with the smaller shapes. For example, if they like red apples the most, that would be the middle shape, then blue plums would be the large shape, then yellow bananas would be the small shape, and if they like green kiwis the least, that would be the tiny shape, etc.

Then everyone looks at their own Poly-Universe element to see if they got the most of their favorite fruit color, so that we move along the colors corresponding to the smaller shapes towards the least favorite fruit.

Then they look at each other's and think together about how they can get the snacks/colors they like best, then they swap elements among themselves until everyone has the most of the color corresponding to their favorite fruit.



- *Why this exercise is good:* It improves children's color perception, logical skills, and visual observation skills. It prepares them for figurative thinking, connecting colors with delicious treats, and develops their sense of quantity and proportion. It also improves communication, strengthens teamwork, and encourages compromise: 'I'll give you a big red apple for a small plum, or I'll ask for a tiny strawberry for a big kiwi, etc.
- *Has anyone tried this? If yes, when and where?:* No, just an idea.
- *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.