

## EARLYPOLY NAT\_304\_EN

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Formal and/or non-formal educational setting: **Smaller group or rather non-formal**

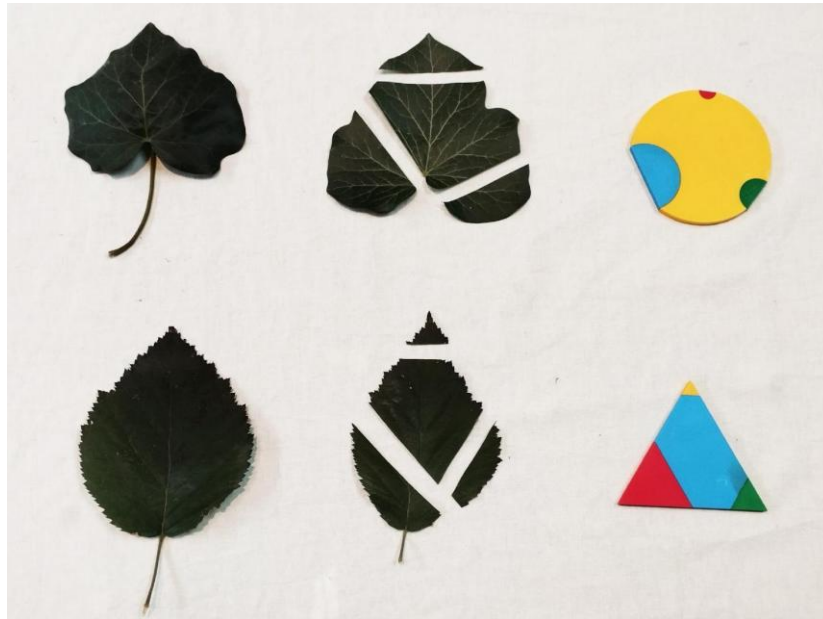
Most relevant age group: **6-8/8-10 years old**

Description of the idea / problem / exercise: **Leaf Puzzle**

The connection between Poly-Universe game pieces and nature 1



1. Collect 2-3 different types of leaves in the park. Try to find larger leaves, and collect two of each type.
2. Cut one of them into 4 different sized pieces according to the proportions/shape arrangement of the Poly-Universe toy.
3. Mix the leaf pieces together, then place them in front of the children so they can put the cut-up pieces back together. You can help the younger children by showing them the whole leaf.
4. The children, as in a puzzle game, first sort the different types of leaves, then find the matching pieces and fit them together.
5. While fitting the pieces together, the children discover the veins of the leaf, discover the connections between large, small, and tiny, and see the tree in the leaf.
6. After putting the pieces together, we place the Poly-Universe toy next to the leaf and, together with the children, discover the similarities between the leaf and the Poly-Universe units.



- *Why this exercise is good:* While fitting the pieces together, children discover the veins of the leaf, explore the relationships between large, small, and tiny, see the tree in the leaf, and then transfer all this knowledge into the visual world of abstract geometry.
- *Has anyone tried this? If yes, when and where?:* In non formal group
- *Notes:* (any)