

EARLYPOLY NAT_306_EN

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

Most relevant age group: **3-5/6-8 years old**

Description of the idea / problem / exercise: **Poly-Stream**

The connection between Poly-Universe game pieces and nature 3

1. You can get them in advance, but it is best to collect pebbles, shells, berries, etc. of various sizes with the children during targeted joint excursions (e.g., to the beach, riverbank, etc.).
2. At kindergarten/school, place the collected items in a large pile on the table and scatter the Poliuniverzum game pieces around it so that everyone has one or two basic shapes (any shape will do).



3. Based on the photos above, ask the children to place a pebble, shell, berry, etc. of the appropriate size next to the large, small, and tiny corner shapes.
4. Once one has been placed next to each corner, we can continue the process with further connections, i.e., we can connect two smaller shells to the larger shell in accordance with the elements of the Poly-Universe until the set runs out.



- *Why this exercise is good:* The connection between natural forms known and loved by children and geometric shapes helps them acquire an abstract way of seeing. The connection between natural forms and the different sizes of shapes in the Polyuniverse gives them a glimpse of the deeper connections in nature. The song "You too can be a tiger, and it's so wonderful," known from a children's tale, for example, gives a similar experience in this exercise: that the small can be big, the big can be small, and the tiny can be giant, etc.!
- *Has anyone tried this? If yes, when and where?:* No
- *Notes:* (any)