

Good practices

MATH_116A_EN

Author's name and institution:

Bojana Ražnatović, student of Subotica Tech – College of Applied Sciences, Subotica

Description of the problem / exercise: **Game 'Simple Math'**

Introduction to mathematics for younger children.

Teachers will assign a random number to every shape and basic color of the Poly-Universe game family elements. Then, kids can randomly pick shapes from a bag or somewhere they don't see what they are picking. After that they will also choose from number 1-4. They will also pick either addition, subtraction or multiplication.

Example:

Shapes: square – 2, triangle – 4, circle – 6

Colors: red – 1, blue – 3, green – 5, yellow – 7

Math operations: 1 – addition, 2 – subtraction, 3 – multiplication

Kids come and pick for example red circle after that they choose numbers 1, 2, 3, 4 and pick let's say 3 and that is multiplication. So they are left with this red (1) circle (6): $1 \times 6 = ?$ If they answer right they get one point. This can be repeated numerous times without a winner or a loser.

Advanced version could be picking 2 shapes like blue triangle and green square with for example 2 and 3. It would look like this $(4-3) \times (5-2) = ?$

- *Why this exercise is good: Making math simple and fun for kids.*
- *Which level is recommended: Elementary school*
- *School subject(s): Mathematics*