

## EARLYPOLY FEA\_802\_EN

Author's name and institution: **Czinkiné Mészáros Krisztina**, Szokolya Village Börzsöny Gyöngye Kindergarten and Nursery

Formal and/or non-formal educational setting: **Individual or small group**

A leginkább releváns korosztály: **6-7 years old**

Description of the idea / problem / exercise: **Christmas festivities – Advent**

Advent candles:

1. Make candles from as many square elements as there are corners (places of pointy edges) on the square. Make as many candles as there are on the Advent wreath (4) and make sure that none of them are the same (they can be one basic color or mixed colors). Add flames made from yellow/red basic color circles/each flame should be a different basic color/each flame should be the same color as the candle.



2. There are several ways to play: The four candles should have different colored flames. / Make as many candles as there are angles in the triangle. How many more candles are needed to match the number of candles on the wreath?



3. We light one candle every Sunday during Advent. We light the longest candle in the first week and the shortest in the fourth week. Let's make candles: the longest candle should have as many elements as I clap (4), the candle lit in the second week should have as many elements as the triangle has angles, and the candle in the third week should have one element less. How many elements will the fourth candle have? We can determine the color of the candles, but they can also be created freely. (In the picture, the child chose the colors and the corresponding flame colors.)



- *Why this exercise is good:* It develops children's mathematical abilities, shape and color constancy, and strengthens their understanding of numbers. They can practice the names of flat shapes, learn about geometric shapes through touch, recognize and name colors, and develop their seriality skills. It develops their construction skills and thinking (analytical, synthetic, problem-solving, logical), and we can also lay the foundations for combinatorics with color combinations. They can practice cardinal and *ordinal numbers*.
- *Has anyone tried this? If yes, when and where?:* In group rooms, individually or in small groups, during free play during Advent.
- *Notes:* Fakopáncs group (mixed ages). I played the tasks with children with atypical development.