

## Good practices INTER\_515A\_EN

Author's name and institution:

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Description of the problem / exercise: **The winking fox**

Basic elements used: Triangle

Description of the task:

1. Make an equilateral triangle from the triangle elements with the apex of the triangle pointing downwards. There should be 4 levels in total.
2. Make sure that two regular hexagons are placed side by side on the first and second level from the top. When placing both hexagons, make sure that the joints are of the same colour.
3. When fitting one of the hexagons, use triangles of the same colour and the same size, i.e. large triangles.
4. When fitting the other hexagon, use triangles of the same colour and size, i.e. medium triangles.
5. Make sure to use 1 base color from the top of the second and third levels to create another regular hexagon at their interior joints.
6. Use small triangles at the joints so that they are axially symmetrical.

The fox's head is finished. Finally, place two triangles on the fox's head to represent its ears.



- *Why this is a good exercise: It introduces shapes and sizes in a playful way (construction). Using the given criteria, the learner has to group the elements, organize them and select the one that meets the requirements. They have to find several possible solutions. Develops visuality. Awareness of axis symmetry, development of colour rhythm and aesthetic sense.*
- *At what level can it be used: Primary school, lower grades (6-10)*
- *School subject(s): Mathematics, fine arts, science*