

FLAT OR SPATIAL?

from age 4

preparation time: 5 min

duration: 30 min

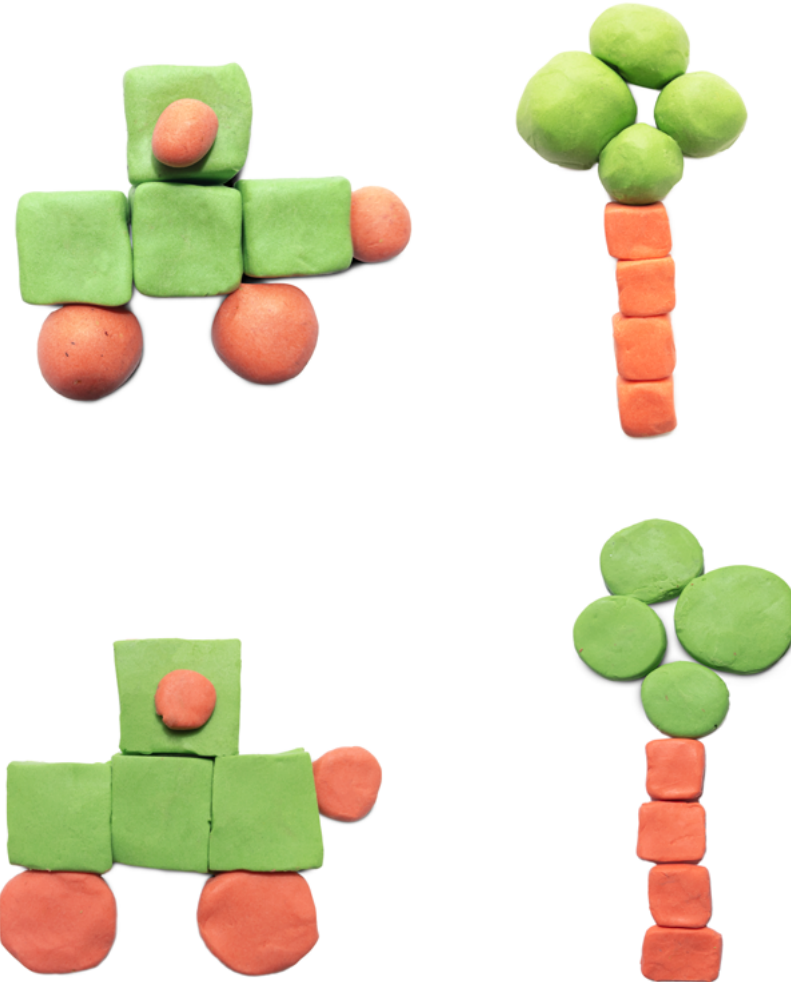
math

MATERIALS

- Clay like Creall Ultra soft

LEARNING OBJECTIVE

Distinguish and examine the geometric shapes circle, square, sphere and cube. Construct flat and spatial figures with free construction material (here: clay).



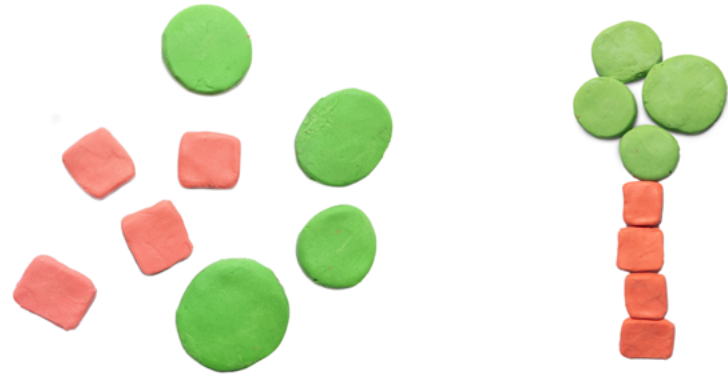
FLAT OR SPATIAL?

1



Explain the difference between the flat figures circle and square and the spatial figures sphere and cube. Divide the children into groups of three and give every child some clay.

2



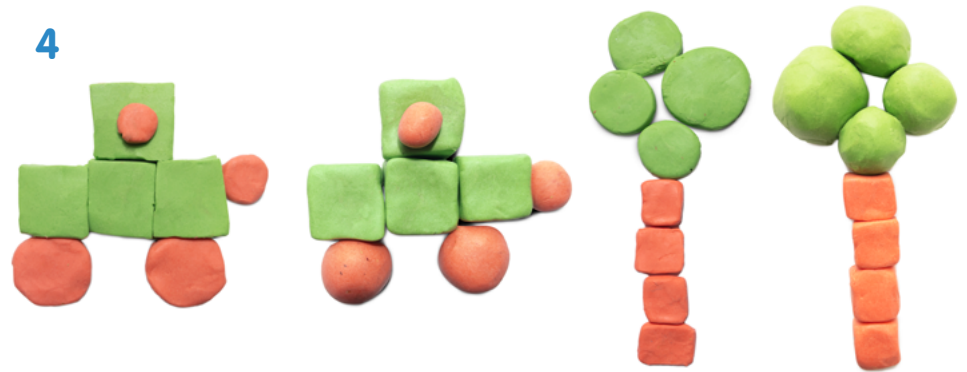
Let every child make 4 circles and 4 squares from the clay. Then each group devises and forms a figure, such as a person, car or tree, with the flat figures.

3



Now, let the children make 4 spheres and 4 cubes. Now they think about how to make the same figure, but this time they'll make the figure spatial.

4



Once the flat and spatial figures are done, the groups can look at each other's work. What figures did they create? And what flat or spatial shapes did they use to do this?

