

Mathematical Body Building with ZOMETOOL and Countless Challenges to Brainy Builders with JOVO

by Ildikó Szabó (maths-physics teacher and the educational coordinator of the Experience Workshop Math-Art Movement – www.experienceworkshop.hu)



It will be a fun way for everybody to get their hands on (and wrap their minds around) a powerful mathematical tool while building big, beautiful and altogether amazing structures from 2, 3 and higher dimensions! Do let Zometool's brightly colored, shape-coded components fool you: even though several Nobel prizewinners "play" with Zometool (including 2011 Chemistry winner Daniel Schechtman), the point of Zometool is to have fun — the real kind of fun that we artists and mathematicians live for — learning, discovery and

creation. Zometool's official Hungarian partner, the Experience Workshop's educational coordinator Ildikó Szabó facilitates this "playshop," i.e., give gentle guidance while trying to keep all hell from breaking loose.

JOVO is a widespread and recognized construction toy that holds a multiple set of educational benefits together with play. It is also a resource for teaching Maths, 2 & 3 dimensional geometry, technology and design. JOVO is not based on specific set of constructions as its purpose is to inspire and not to predestine its use. JOVO continuously challenges childrens imagination, creativity and inventiveness. JOVO tries to provoke the children to find new ways and solutions.



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