

## Exploring shapes – The Isosceles Right Triangle\*\*\*

**Age-Group:** Late Primary School / Early High School

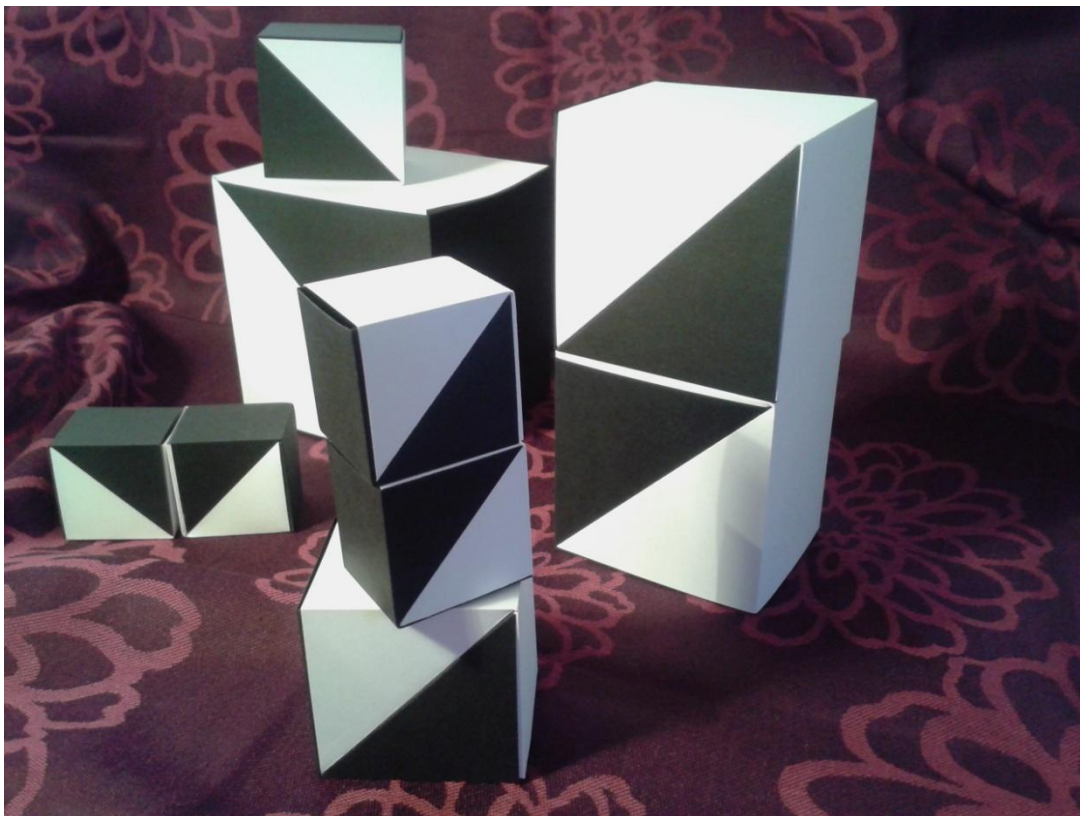
**Subjects:** Maths / maybe Art

**Model-Source:** Yin Yang Box, *Genuine Japanese Origami*, Jun Maekawa, ISBN 978-0-486-48335-1

**Method:** Teach the children to fold the box. Use different paper sizes: A4, A5, A6, A7...

**How to use:** Allow the children to play around with the boxes. Make notes on what is observed when the boxes are arranged in different patterns and when sizes are compared, boxes are overlapped etc.

Develop own and better ideas...



\*\*\* An isosceles right triangle is a triangle which is half of a square. When you divide an isosceles right triangle into two equal parts, each is similar in proportion to the original triangle. The isosceles triangle is the only triangle that has this property.