

## Content package for interactive whiteboards (ES): Symmetry

Current as of: September 16, 2014

### For class

- Mandalas on the topic of “symmetry”  
<http://www.mandala-4free.de/en/en-Mandalas-symmetry.htm>
- Make a six-pointed snowflake without paper (Flash animation)  
<http://snowflakes.barkleyus.com/index.html>
- National Gallery of Art: Paint symmetrical designs on a virtual wall  
<http://www.nga.gov/kids/zone/wallovers.htm>
- Interactive math games and activities on symmetry  
<http://resources.woodlands-junior.kent.sch.uk/maths/shapes/coordinates.html#Symmetry>

### Background information for teachers

- Christy Knuchel, “Teaching Symmetry In the Elementary Curriculum”  
<http://www.math.umt.edu/tmme/vol1no1/TMMEv1n1a1.pdf>
- Resources for primary schools on the topic of symmetry  
<http://www.primaryresources.co.uk/maths/mathsE5.htm>
- How to Make 6-Pointed Paper Snowflakes  
<http://www.instructables.com/id/How-to-Make-6-Pointed-Paper-Snowflakes/#step1>
- Activities and puzzles related to symmetry (tiling)  
<http://www.spelunkcomputing.com> (select the TriFill activity)
- Results from research about the attractiveness of symmetric faces  
<http://faceresearch.org/students/symmetry>