

## **Webquest - Tessellations**

- 1) What is a tessellation?
- 2) Where in the real world would you see a tessellation?
- 3) Where have you seen a tessellation today?
- 4) What is a regular tessellation? Draw an example.
- 5) What kind of shapes would work in a regular tessellation? Why?
- 6) What is a semiregular tessellation? Draw an example.
- 7) How do you name a semiregular tessellation?
- 8) Draw a different semiregular tessellation and name it.

- 9) What is a demiregular tessellation?
- 10) What is a monohedral tessellation?
- 11) Can any triangle make a monohedral tessellation? Draw an example or counterexample.
- 12) Can any quadrilateral make a monohedral tessellation? Draw an example or counterexample.
- 13) What is a translational tessellation?
- 14) What is a rotational tessellation?
- 15) Name a couple of artists who specialized in tessellation art.
- 16) What does an Escher-style tessellation look like?
- 17) What cultures are known for their fantastic tessellation art, especially in their buildings?