



MAKE YOUR OWN TESSELLATION!

Did you know that you can use math to create art? Try out this tessellation and see for yourself!

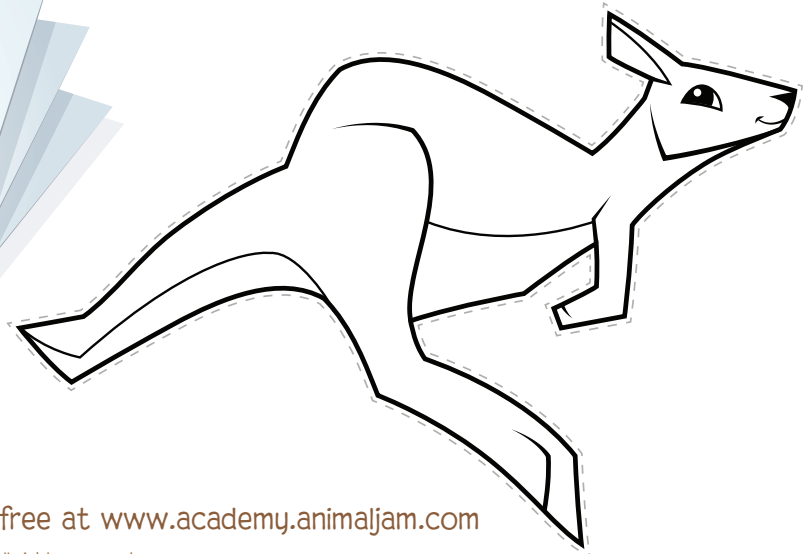
WHAT YOU'LL NEED:

- Paper
- Pencil
- Scissors
- Something to color with
- Tessellation pattern, you can print out the AJA example or make one on your own.



HOW TO DO IT:

1. A tessellation is a pattern made of repeating identical shapes. Each shape must fit together covering a plane (or surface, like a sheet of paper) with no gaps. Tessellations have been made by artists and can even be found in nature!
2. To make a tessellation, start by cutting out the AJA example and tracing it on the paper. As you use it to fill in the space make sure there are no gaps. Repeat this process until the page is full.
3. Now that you've seen how it works, get creative making your own patterns. Start by drawing some geometric shapes, like triangles, cutting them out and seeing how they fit together. See if you can create some crazier tessellation patterns on your own!
4. You can look to nature for tessellation inspiration, think about beehives, turtle shells and even fish scales! Artists like M.C. Escher also created amazing works of art based on tessellations. See what you can come up with!



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