Arrays

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Ways to use Arrays

arrobow

In a circle – Think Stonehenge

In a square – Think Checkerboard

In a square that is “jittered” – Think Alien Space Crafts (not shown in tutorial)
Create a Cone

Make sure it's centered on the axis you want to rotate it around.

For the starfish, we will center it around the y-axis.
• Click on the tab “Multiply”

• Click on Array
• A box similar to this will appear
• Click on Radial
• Click on Y (The axis we’re rotating around)
• Make sure the center is set for “0”
• Click OK
You should get something that looks like this!
And with a little color and texture

You can get a cool looking starfish
Create a box
Then press the “n” key
This box will appear
Change the number of segments to something like 15 for each axis.
• Create another box.
• Make sure its small enough to fit inside the bigger square we just made.
• Click on multiply and Array

• This time make sure it's on Rectangular

• Figure out how many squares you want across and down the waffle.

• Make sure that Manual is selected and change the offset.
• This is what you will get a row of 5 across and 3 down.

• Feel free to change the color so it will look more like a waffle.

You’ll get something that looks like this!
• Make the larger square the active layer
• Make the smaller squares visible by clicking on the layers buttons on the top.

• When lining up the layers make sure it fits inside the box at the top left corner and that they are slightly sticking out of the two bottom layers.

• Then, using the Boolean subtract tool, subtract the little squares from the big squares.
A finished waffle!
Now not only do you know how to make a waffle and a starfish but you also know how to use the array tool.

The array tool comes in handy when you have to replicate something multiple times either in a circle or in a square.