



Create a Design Using Circles

Great for Pi Day !

Grade 6 - 8

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Thanks so much for
downloading my resource!

If you could leave me some feedback –
that would be great!



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Create Circle Art

This is a quick, low prep activity for your unit on **Circles** and it's also perfect for Pi Day!

Have your students complete an artistic design using circles. You can decide if you allow them to use other shapes or not!

With this activity, students will get lots of practice using their compasses, as they let their creative juices flow.

If you've covered the concepts of diameter, radius, pi, area and circumference then you may wish to circulate and do informal checks for understanding. I have provided a checklist for you – just in case! In addition to checking to see if they have measured properly and calculated properly, you may wish to ask each student about the formula for area/circumference, the units for area/circumference, how to get pi etc. There is enough space for a checkmark if they've got it or a short note if they have not.

I usually get students to choose one of the circles in their art and record the measurements/calculations on a post-it, first. Then, as I walk around, I can check the calculations and quickly measure their chosen circle just to be sure that they are correct. They could also do the calculations on the instructions sheet below and complete their artwork on the other side. White paper and instructions written on the board work just as well! We are looking for low prep here!

I have provided a couple of examples of circle art to show your students, but you can also do a quick online search and get lots of pictures to show them as examples. The first three examples are hand-drawn and the last two were made on the computer.

Extension Idea: This activity often results in a really cool art display! You could think about making this a competition and having other classes vote on your students' artwork. Number each piece (so that it's not a popularity contest) and put a ballot box/envelope by the display. Allow other students to vote and then offer something simple like free time or class cash as the prize for the winner!

Name: _____

Circle Art Challenge!

Your challenge is to use your compass to create an artistic design using circles!

Think about using different sizes, and even patterns within your artwork.

Your artwork can be in color or black and white. If you choose black and white, the black needs to be shaded with some sort of medium (coloring pencils, markers, crayons etc) so that it looks as sharp!

Have fun with this creative task!

Circles Tracking Sheet

[illegible]









