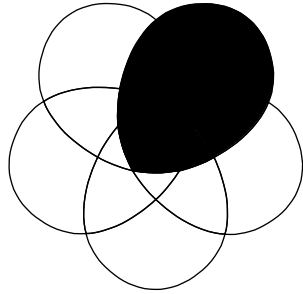


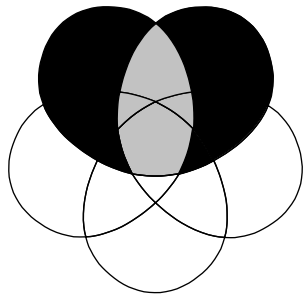
The line tracing a corolla of five petals, or of five lobes, is based on the equation $r = a + b\cos \theta$.

Grandi's curves based on $r = \sin^5/3$ can also illustrate the five petal of a simple flower.

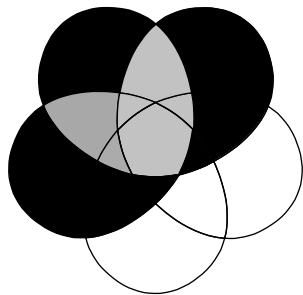
The flower chosen is a Japanese cherry and the cycloid has been adapted to create a complex Venn diagram.



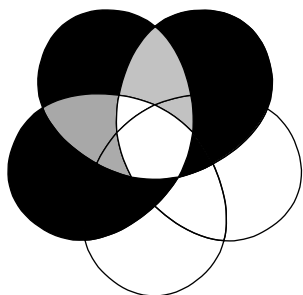
One area here is represented in isolation.



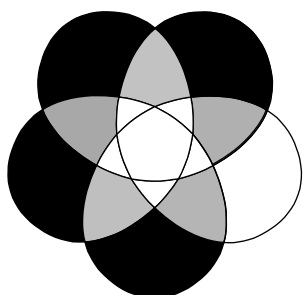
Now two areas are shown with the overlap of the two shaded grey.



The process continues around the diagram as adjacent areas share with each other and have a common centre.



Additionally there is the cycloid path itself which runs around, across and within all of the areas.



The medium is the message, Information and Communications Technology is the medium which transmits the National Curriculum. It is important to understand the medium and that content is more important than presentation and that original understanding is better than mere copying. Switch off the computers from time to time and draw, write and design.