## Finding Volume Project

Your task:
Find the volume of an item that is symmetrical, but is not a common geometric shape.

## no Spheres, cylinders, prisms,

What's required:
pyramids, cones

- Picture of the item
- Graph of the item
- Regression equation of the item
- Calculations to find the volume
- Visual representation with all work

Rubric:

|  | 0-2 | 3-5 | 6-8 | 9-10 |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Picture | Picture of item is not included |  |  | Picture of item is included | /10 |
| Graph | Graph of item is not included | Graph of item is included, but does not have the same shape as the item | Graph is mostly accurate to the item's shape, but has some errors | Graph is identical to the item's shape | 10 |
| Regression <br> Equation | Equation is not included | Equation is not correct | Equation is mostly correct | Equation matches graph and is correct | 10 |
| Calculations | No calculations | Calculations mostly incorrect/no final volume included | Calculations are mostly correct, with little errors/final volume included | Calculations are all correct/final volume is included | /10 |
| Visual <br> Representation | No visual | Some requirements are on the visual | Most requirements are on the visual | All <br> requirements are on the visual | /10 |
| Total |  |  |  |  | /50 |



