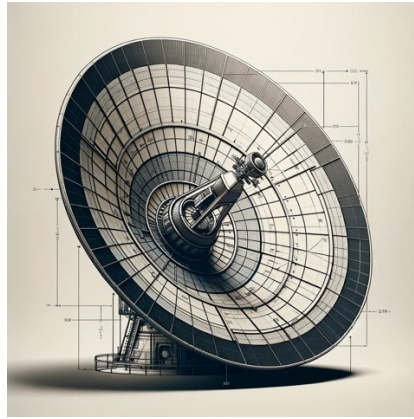


Investigating general parabola (AASL 2.6)
Title: The Satellite Dish - Understanding the General Parabola

Concept: Parabolas in Mathematics



Intuition Pump: Think of a parabola like the shape of a satellite dish. This common object is a perfect real-life example of a parabola, designed to focus signals at a specific point, known as the focus. Just as a satellite dish captures and focuses signals, the mathematical parabola has unique properties that allow it to focus effects or values at a particular point.