

## Satellite Construction Worksheet

**Directions:** You will submit a proposal for the satellite design that you submitted for approval. On the chart below you must estimate all expenses involved in the construction process. The object of the activity is to construct the best possible satellite while spending the least amount of money on materials. Students may use only material available on chart or submit a bid for other items not readily available. Each of you must complete one cost chart with design of satellite.

**Satellite Designer(s):** \_\_\_\_\_

Items for Purchase	Cost of Item	Quantity	Total Cost
Cardboard Box			
Large	\$3000		
Medium	\$2000		
Small	\$1000		
Styrofoam Panels			
Whole	\$1000		
Half	\$ 500		
Quarter	\$ 250		
Styrofoam Plates	\$ 300		
Styrofoam Bowls	\$ 500		
Tin Foil	\$100/m		
Tape (any type)	\$ 25/cm		
Spray Paint	\$100/color		
Hot Glue	\$ 50/stick		
Metal Hooks	\$ 25 each		
Computer Panel	\$1000		
Dowel Rods	\$300/cm		
Cardboard Tubing	\$200/cm		
Any other items used must place bid			

**Satellite Dimensions:** Height \_\_\_\_\_ cm      Width \_\_\_\_\_ cm

**Total Cost of Satellite:** \_\_\_\_\_