

3D-Solid Modeling
 "CUBE-A-ZOID" Rubric and Test

___ (4) – Concept sketch (thumbnail) is complete, represents all 5 pieces of puzzle, and demonstrates neatness/professionalism

___ (10) - Cube-A-Zoid is constructed of 5 pieces (2 points each)

___ (10) – Cube-A-ZOID pieces each exist in three planes. (Regardless of orientation)

___ (5) – INVENTOR assembly drawing _ All parts are placed in orientation that facilitates understanding and ability to assemble

___ (5) – Cube is painted

___ (100) – Assembly time scoring. _____ My time

+30	98		+ 4 min 30	82		+ 8 min 30	66		+ 12 min 30	50	
+1 min	96		+ 5 min	80		+ 9 min	64		+ 13 min	48	
+1 min 30	94		+ 5 min 30	78		+ 9 min 30	62		+ 13 min 30	46	
+ 2 min	92		+ 6 min	76		+ 10 min	60		+ 14 min	44	
+ 2 min 30	90		+ 6 min 30	74		+ 10 min 30	58		+ 14 min 30	42	
+ 3 min	88		+ 7 min	72		+ 11 min	56		+ 15 min	40	
+ 3 min 30	86		+ 7 min 30	70		+ 11 min 30	54		+ 15 min 30	38	
+ 4 min	84		+ 8 min	68		+ 12 min	52		+ 16 min	36	

AVG TIME _____