



Duct Tape Mug Project

SUPPORT PERSEVERANCE SPIRIT



Name:	Grade:	Email:
Objective: You have been hired by Cups International Inc. to design a new mug! Follow the directions and rubric on both sides to begin your employment!!		

Designer Mug/ Design Your Mug Activities	
<i>Advanced (high)</i>	<i>Proficient (Grade Level)</i>
<i>Basic (Approaching Grade Level)</i>	<i>Minimal (Intervention Needed)</i>
First: <u>Top-view Blueprint:</u> You must draw the mug from in a top-view scale form. This means, draw a circle with a diameter of 4 inches. Use a color key. Label: diameter, radius, chord, circumference, surface area, chord, and tangent.	advanced <i>proficient</i> basic <i>minimal</i>
Next: <u>Side-view Blueprint:</u> You must draw the mug from in a in a side-view scale form. This means, draw a rectangle with a length of 6 inches and a width of 4 inches. Use a color key. Label: perimeter and area. Then, calculate area in square inches and perimeter in inches.	advanced <i>proficient</i> basic <i>minimal</i>
Next: <u>Advertisement:</u> Design an advertisement that includes 4 sentences and 4 vocabulary words. The four sentences must include: one imperative (Command-example: Pass the ketchup.), one interrogative (Question-example: Do you have the ketchup?), one declarative (statement-example: Ketchup is made from tomatoes.), and one exclamatory (Shows emotion-example: Ketchup is delicious!). Finally, include four illustrations!	advanced <i>proficient</i> basic <i>minimal</i>
Next: <u>Plan, Design, and Create!</u> Complete the design process and make your mug using duct tape, foam cup, and your imagination!	advanced <i>proficient</i> basic <i>minimal</i>
Finally: <u>Fill the mug!</u> Complete the Fill the Mug Activity!	advanced <i>proficient</i> basic <i>minimal</i>

Homonym Vocabulary List:

ware	wear	where	sent	cheap	which	who's	ring
throne	peer	plain	cent	cheep	witch	whose	wring
thrown	pier	plane	scent	we're	rays	threw	through
waist	waste	real	reel	were	raise	site	sight

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Choose Five Homophone Pairs to Fill your Mug! Then, design flashy flashcards for that include the use of your word in a sentence and fill your mug with these flashy flashcards!

ware	wear	where	sent	cheap	which	who's	ring
throne	peer	plain	cent	cheep	witch	whose	wring
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Complete the chart below based on the words you chose

Make a fraction based on the words and amount of each you chose.

Homophone Word 1	Homophone Word 2	Amount (all must total 25)

Name of Mug:				

Homophones Word 1 & Word 2	Amount	Fraction	Factors	GCF	