

ROSARY PRIVATE SCHOOL , SHARJAH



HOLIDAY MATH CHOICE BOARD

YEAR-9

INSTRUCTIONS: SELECT AND COMPLETE AT LEAST 3 TASKS FROM THE BOARD. ENSURE AT LEAST ONE TASK COMES FROM EACH COLUMN.

CREATIVE PROJECTS	REAL-LIFE MATH	PROBLEM SOLVING & PUZZLES
Math Art: Create a holiday-themed design (e.g., snowflakes, trees, or ornaments) using transformations (reflections, rotations, translations). Label and explain each transformation.	Holiday Budget: Plan a holiday party with a AED 500 budget. Include costs for decorations, food, and activities. Show all calculations and justify your choices.	Festive Puzzle: Design and solve a holiday-themed math crossword or logic puzzle involving algebra, geometry, or probability.
Math in Poetry: Write a poem or song that explains a Year 9 math concept (e.g., Pythagoras' theorem, linear equations) with a holiday twist.	Recipe Math: Find a holiday recipe and adjust it to serve 10 people instead of the original number. Include calculations for measurements and costs.	Treasure Hunt: Create a treasure hunt with math clues (e.g., solving equations or geometry problems) to guide someone to a hidden "holiday gift."
Geometric Ornaments: Use 3D shapes (e.g., cones, cylinders, spheres) to create holiday decorations.	Travel Math: Plan a holiday trip, calculating distances, costs (fuel or tickets), and estimated travel time using speed/distance/time formulas.	Holiday Challenge: Create and solve a challenging holiday-themed math problem for your classmates, including solutions and explanations.