2. MATHS
PROGRAMS IN QATAR

An outdoor educaitonal programs
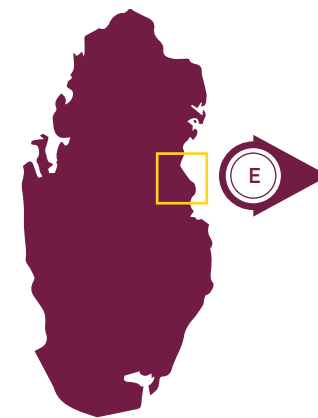booklet for schools & colleges

SOLVE THE ALGEBRAIC EQUATION

STUDENTS ARE GIVEN CLUES THAT ARE HIDDEN IN DIFFERENT BUILDINGS IN KATARA CULTURAL VILLAGE. EACH CLUE IS AN ALGEBRAIC EQUATION LEADING TO ANOTHER. THE QUICKEST GROUP OF STUDENTS THAT MANAGE TO COLLECT ALL CLUES, WINS THE HUNT AND THEREFORE, A PRIZE.

TEACHERS CAN BE INVOLVED IN THE CLUE-MAKING PROCESS TO MAKE IT MORE FUN AND AS ALIGNED AS POSSIBLE TO THE STUDENTS' IN SCHOOL CURRICULUM
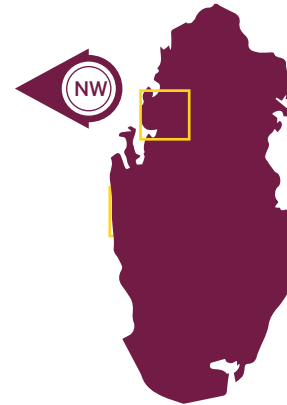
KATARA CULTURAL VILLAGE

E

5 HOURS

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GRADES 8 TO 12

🔍 FOCUS AREA

✴ MATHEMATICS

✴ ALGEBRA

✴ TEAMWORK

✴ LEADERSHIP

✴ PROBLEM SOLVING

MEASURING THE PARAMETER OF ZUBARAH FORT

STUDENTS WILL BE TAKEN ON AN EXCITING ROAD TRIP TO MEASURE THE FORT OF ZUBARAH AND LEARN MORE ABOUT THE HISTORY OF QATAR BY ENGAGING IN A FORT MEASURING ACTIVITY.

THIS TRIP INCLUDES A GUIDED TOUR FOR STUDENTS AT ZUBARAH ALONG WITH A GROUP ACTIVITY OF SITE MEASUREMENT WHERE THEY WILL NOTE THESE NUMBERS AND SOLVE SOME BASIC GEOMETRY QUESTIONS TO KNOW MORE ABOUT PYTHAGORAS THEOREM, THE RIGHT ANGLES AS WELL AS MEASURING SIDES OF THE RECTANGLE AND CALCULATING AREA OF THE FORT.

MEASURING ITEMS SUCH AS MEASURING TAPES WILL BE PROVIDED. TEACHERS CAN ASSIST IN MAKING THE WORK SHEETS AS WELL.

NW

2 HOURS

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ZUBARA FORT

GRADES 2 TO 7

🔍 FOCUS AREA

✳ TEAMWORK

✳ PROBLEM SOLVING

✳ MATHEMATICS

✳ COMBINE THIS ACTIVITY WITH A TEAM BUILDING