Let’s Go Fly A Kite

(2nd Grade Math PBL Experience)

Common Core & Essential Standards:

Math - (2.G.1) RECOGNIZE and DRAW shapes with specified ATTRIBUTES

(2.MD.8) SOLVE word problems involving DOLLAR BILLS, QUARTERS, DIMES, NICKELS, and PENNIES, using $ and ¢ symbols appropriately.

Science - (2.E.1.2) SUMMARIZE weather conditions using qualitative and quantitative measures to describe:

• Temperature

• Wind direction

• Wind speed

• Precipitation

Technology - (2.TT.1) USE technology tools and skills to reinforce classroom concepts and activities.

Visual Arts - (2.CX.1) UNDERSTAND the global, historical, societal, and cultural contexts of the visual arts.

Provocations - Played “Let’s Go Fly a Kite” from Mary Poppins as they entered the classroom (Hint #1)

Showed PowerPoint sharing International Kite Festivals (Hints 2, 3 ,4) in three different Asian countries - then shared their PBL experience to which they had guessed it might be a kite festival. (see PPT link)

Developed rubric together:

Kite Festival Rubric

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| Item Scored | Possible Points | Earned Points |
| PPT - Shape 1 used is correctly identified | 15 points |  |
| PPT - Shape 2 used is correctly identified | 15 points |  |
| PPT - Shape 3 used is correctly identified | 15 points |  |
| PPT - Notes - shape identified for IB Attitude with reason | 10 points |  |
| PPT - Notes - shape identified for IB Learner Profile with reason | 10 points |  |
| PPT - Notes - shape identified for Student Action with reason | 10 points |  |
| PPT - Attributes - Shape 1 | 20 points |  |
| PPT - Attributes - Shape 2 | 20 points |  |
| PPT - Attributes - Shape 3 | 20 points |  |
| Supply List with cost calculated correctly | 15 points |  |
| Supply List with conversion amount to the selected Asian country’s currency | 15 points |  |
| Kite | 20 points |  |
| testing of kite to include wind speed/ direction | 15 points |  |
| Creativity | 15 points |  |
| Teamwork | 25 points |  |
| TOTALS | 240 points |  |