HOLIDAY HOMEWORK: Class 7

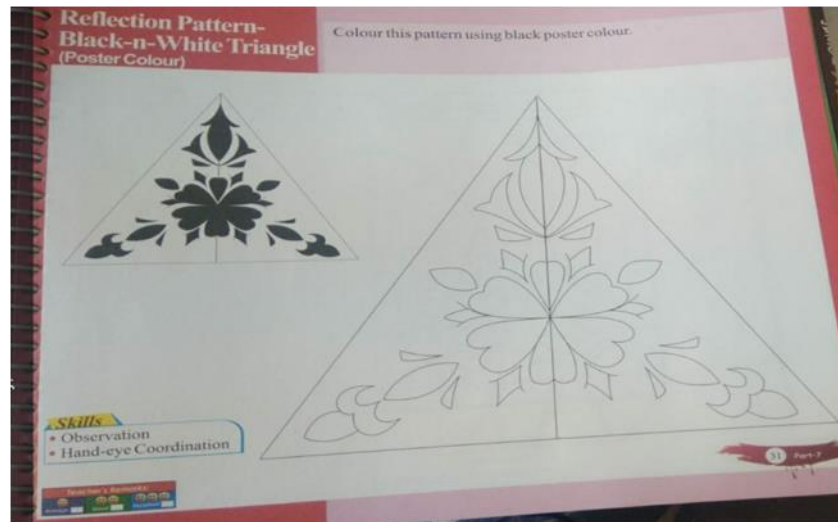**Summer Vacation, 2022-23**

SUBJECT: MATHS	
TASK 1: **ART INTEGRATED ACTIVITY(Math Art)**	Take an A4 sheet and Draw the Reflection Pattern given on pg 31 of your art book.
TASK 2 **PROJECT (Reviewing Lines and angles)**	How to do: - Take a Political Map of India and paste it on A4 sheet. Draw the following line segments on the map. • Join Srinagar to Thiruvanthpuram and name it AB • Imphal to Gandhinagar and name it CD • Itanagar to Shimla and name it EF • Patna to Chennai and name it GH Answer the following Questions: (i)Which is the shortest line segment? (ii)Which line segment passes through Arabian Sea? (iii)Which line segment passes through a country other than India? (iv)Which line segment passes through maximum states?

TASK 3 **PUZZLE**	'Equinoxes' are the two days of the year when the sun is directly above the earth's equator, due to which the days and nights are of nearly equal length everywhere on the earth. Find the name of the month of autumn equinox using suitable properties of integers by solving the following questions. Match your answer with the letter given in the table and fill it in the blank provided in each question. <table><tr><td>1</td><td>E</td></tr><tr><td>-1485</td><td>T</td></tr><tr><td>-120</td><td>S</td></tr><tr><td>-30</td><td>P</td></tr><tr><td>-4</td><td>R</td></tr><tr><td>-1250</td><td>B</td></tr><tr><td>1894600</td><td>E</td></tr><tr><td>600</td><td>E</td></tr><tr><td>0</td><td>M</td></tr></table> (a) $(-1) \times (-2) \times (-3) \times (-4) \times (-5) =$ …........... (b) $18946 \times 99-(-18946) =$ …............... (c) $-1 + (-2) + (-3) + (-9) + (-8) =$ …............ (d) $15 \times (-99) =$ …........... (e) $-143 +600-257 + 400 =$ …............... (f) $0 \div (-12) =$ ….................. (g) $-125 \times 9-125 =$ …........... (h) $(-1) \times (-1) \times \times (-1)$ ……..20 times $=$ …........ (i) $-4+4-4+4-$………. 4 …………21 times $=$…............... NAME OF THE MONTH …...
TASK 4	Complete the worksheets in your math workbook of the chapters done in the class. **PG NO -22-29 of the practice book.**